Selection and Timing Capabilities of Investment Managers and Above Market Return

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2007-NUST-MBA-(N)03

NUST Business School
National University Of Science and Technology
Rawalpindi, Pakistan
2009

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Thesis Topic:

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Date of Submission:

March 31, 2009

ACKNOWLEDGEMENTS

First of all, I would like to thank ALLAH ALMIGHTY, who gave me the ability to work on this report successfully. Afterwards, I would like to extend my thanks to all those professionals and family members, who helped me in one way or another and enabled me to complete the study. Last but not the least, I would like to extend my thanks to my advisor Mr. Haroon Rashid, who undoubtedly provided me his support and guidance whenever and wherever I needed that, obviously without it would not be possible for me to complete the research in time and in an effective manner.

EXECUTIVE SUMMARY

The performance evaluation of investment managers has been a widely discussed issue in the field of finance. The investment performance of portfolios has been extensively examined for the developed capital markets. The portfolio theory suggested by Harry Markowitz gave a new direction to the evaluation of portfolio performance, which has completely revolutionized the thinking on the issue. The advanced research work on performance evaluation of investment managers has contributed a lot to the wealth of knowledge. The purpose of this study is to evaluate the role of selection and timing skills of investment managers in earning the above market returns apart from the usual ups and downs in the stock market.

The study is primarily based on the stock market data and analyzes a hypothetical portfolio against the top performing mutual funds. The hypothetical portfolio is constructed on certain important assumption that have helped in determining the maximum market potential so as to evaluate how much segment of this return was captured by investment managers and whether or not they have been able to utilize their skills. The methodology used is not very complex and is based on basic financial models; however, the analytical mode has been highly functional meaning that qualitative research has been equally important as the quantitative one.

The first chapter of the research provides an overview of the topic so as to enlighten the reader about the specific scope that this research entails.

The second chapter of the research is the literature review that incorporates various researches that have been done previously on the same or similar topics. Some of these researches have shown that the selection and timing skills of the investment managers have a significant role to play in earning the above market returns. However, others have shown that above market returns are earned only by chance or luck and investment managers have no unusual earning capability that is also reflected by their inconsistency in performance.

The third chapter talks about the methodology used for carrying out the research whereby the hypothetical portfolio is made on the assumption that next year's returns were known in advance so that the portfolio is reflective of the maximum market potential. This portfolio is than evaluated for different compositions of the selected securities to evaluate risk and return

characteristics of various weightages and develop an efficient frontier, so that the investment point can be decided.

The fourth chapter is the analysis of the data gathered. The next step involves selection of five top performing mutual funds and determining the risk and returns characteristics of their equally weighted composition and analyzing its performance against the hypothetically constructed portfolio so as the draw results.

The research is concluded in the fifth chapter that draws tentative results and findings regarding the timing and selection skills of the investment managers. All the supporting workings are appended at the end of report.

TABLE OF CONTENTS

TABLE OF FIGURES

Chapter no. 1

INTRODUCTION

It is widely known that the market efficiency makes it very difficult for individual investors to beat the market. Market efficiency theories emphasize on the fact that in long run no investor, even with superior performance, can outperform the market. Rather, Making their own decisions, individual investors perform so poorly that on average their investment returns lag behind the returns that one would expect from a completely random stock selection process. The theory has been tested many times, but if stands absolutely true, how can timing and selection capabilities of the investment managers can help them in running the highly profitable financial institutions like investment banks. This research is an attempt to look into this fact in yet another way.

The details of the testing will be done in the relevant section, but what is more important to be discussed here is that what is generally believed and observed in this area of study. With respect to the skills that the professional portfolio managers possess, they generally do somewhat better than amateurs, and they probably do so, in part, at the expense of the amateurs. However, on average, any actual performance advantage delivered by professionals is significantly less than the average fees they charge for their services and they charge it for the skills they possess. Some believe their performance is just the game of luck, whether it works or not, however, another school of thought says that it actually has a lot to do with their experience and knowledge that help them time the market and earn the above average returns.

1.1 Efficient Market and Above Market Returns:

Analysts have been arguing on the fact that the securities markets in modern industrialized countries like United States tend to price traded assets relatively close to their risk-adjusted expected values. This phenomenon helps these markets to act efficiently and reflect all the available information regarding the financial asset in its price. This makes the US financial market broad, real-time, and relatively transparent or relatively an honest financial market. Of course, the media has been filled with stories of industry misconduct and fraud since the market crash. Nevertheless, U.S. markets still do a reasonably good job of providing a highly liquid

forum where knowledgeable and willing buyers and sellers can trade at arms length at prices that are determined by supply and demand rather than manipulation. This somewhat market efficiency makes it very difficult for individual investors to beat the market no matter what sort of investment skills they possess. In fact, academic studies have shown that, left to their own decisions, individual investors perform so poorly that on average their investment returns lag behind the returns that one would expect from a completely random stock selection process.

1.2 Investment Skills and Above Market Returns:

Nevertheless, there are studies that strengthen the idea that investment managers can beat the market. The securities industry keeps signaling the endless possibilities. Brokers push individual security recommendations and individuals buy them hoping to outperform the market.

Various studies have demonstrated that the performances of managers over most periods of time are very inconsistent. Such studies have been used by many, particularly academics, to suggest that there are investment managers who possess the skills that help them outperform the market, but there are no investment managers who have abnormal skill. Abnormal skill here refers to the ability of a manager to generate consistently high positive returns regardless of their investment style. And that also sounds realistic in the arena being considered.

Some researchers find clear and frequent evidence of certain managers producing excellent performance from skilful decisions. It points toward the fact that there must also be managers with below average skills who produce negative expected return. According to competitive market theory, the investment management firm can have competitive advantage if some other firm has a competitive disadvantage and this competitive disadvantage comes from the lower skills of the managers of that firm. In the highly competitive field of investment management, the investment firm with a competitive disadvantage may look, at least superficially, to be a very competent organization, but because they have poorer than average investment people and processes they will tend in the long-run to underperform against the average of the group. This has given rise to the development of performance based and skill based strategies and models of investments that are very helpful in earning above market returns, at least in short run.

1.3 Overlap Between Two Schools Of Thoughts:

Most of the research conducted on this topic assumes that there are no investment costs and taxation and the value of the one's personal time is minimal, however, when these assumptions are excluded, the efforts of a less experienced investment manger become even more clearly uneconomical. Experience do provide some edge to the investment mangers as compared to the new entrants and this what we normally observe all around us or say it that experienced earn better on the expense of the amateurs. Experience help the investment managers to capture some of a very slight persistence that equity price movements demonstrate over time, while new comers are ill equipped and insufficiently capitalized to do the same. Professional and experienced portfolio managers have hold of smarter tools and management techniques that allow them to capture some of the persistence in price movements from the securities in portfolios that they already hold. However, the ambiguity of the very slight price persistence demonstrated by securities cannot be overstated. Inexperienced portfolio managers get excited about these price movements and sell winners too quickly and hold on to losing securities too long. But the fact cannot be rejected that professionals seem unable to select securities in the first place that will prove to have persistence in their price movements. Professionals just seem better able to manage the situation after they happen to have acquired securities that do exhibit price persistence and that is the core of the overlap between the above discussed two different schools of thought. But there still remain the question that could individuals invest in a fund to share some of these small excess returns with professionals who capture them? The answer unfortunately is no. On average, any actual performance advantage delivered by professionals is significantly less than the average fees they charge for their services and this research further analyzes this so as to add value to the topic under discussion.

Chapter no. 2

LITERATURE REVIEW

The idea that investment managers can influence the returns on their investment greatly with their investment skill varies widely. Various studies have been carried out to demonstrate the applicability of such skills and the opposite. Here we will look at various aspects of different researchers and the findings they have bring forth in this regard.

The performance studies meant to evaluate the investment skill of the managers deal mainly with two aspects; evaluating stock selection skills and examining the market timing abilities of the fund managers. The research is not new, studies of stock selection date back to Jensen (1969) who finds that managers deliver negative abnormal returns. And as of the timing skills, there is a series of empirical studies. It is worthwhile to discuss that most of the previous work finds little evidence that fund managers possess market timing ability. Treynor and Mazuy (1966), (widely known as TM) develop test of market timing and find significant timing ability in only one out of 67 funds in their sample. Henriksson (1984) uses the test of Henriksson and Merton (1981), (known as HM) finds that only 3 out of 116 funds exhibit significant positive timing ability. But Bollen and Busse (2001) opposed the idea by saying that statistical tests used in previous studies were weak as they were based on monthly data. They were able to find significant evidence of market timing ability in a considerable number of funds in their sample when daily data was used. Chance and Hemler (2001) also supported this research by using daily data in order to track the allocation strategies of 30 professional fund market timers.

D. Keim and R.F. Stambaugh in their research paper *"Predicting Returns In the Stock and the Bond Markets" (Journal of Financial Economics, 1999)* discussed that if the mutual fund managers could actually beat the market through their investment skills, then their performance proficiency is expected to persist over time where they can beat the market. They found the clear evidence indicating that superior past professional performance among mutual fund managers tends not to persist. Past superior mutual fund performance is simply not a predictor of future superior mutual fund performance that eliminated the uniformity of above market returns

promised by the superior investment skills. The actual market scenario shows that prices of the securities change over time because of the varying risk and return expectations of the investors constituting the market. As the previous risk factors get adjusted, new arise, giving rise to new pieces of information affecting securities' prices and its attractiveness to the investors. There are a large numbers of financial, political, natural, technological, strategic, competitive and various other factors that cast their influence on the securities prices. However, they argue that the decision of the investor in being right or wrong in security selection does not depend on security price fluctuation. This points towards the reality that turned out to be different from projected risk-adjusted market consensus that existed when the security was acquired. Securities' prices are bound to change and there are subsequent winners and losers in the security market. Winners always take credit of there wise decisions and sound investment skills, however, losers are always blamed for their inferior investment decisions, but the fact is rarely do either winners or losers actually win or lose because they made a precise and accurate prediction of future events that actually did occur.

They further argue that if earning the above market returns could have actually been possible through investment skills, such patterns must persist over time. It is common to observe that individual investors having long term financial objectives always strive for high future performance of their securities and unfortunately, this research does not support these expectations. The evidence indicates that superior past professional performance tends not to persist and is not a predictor of future performance. The most reasonable conclusion to reach is that relatively competitive and efficient financial markets are not reliably "beatable" on a long run, risk-adjusted basis. What is achievable is to match the market return before deduction of any cost or taxes and this is what seems reasonable. However, some can beat the market while others go into huge losses, but what matters most in this case is the luck not any sort of skill in particular. Once the costs and taxes are taken into account, an average investor will always underperform the market.

Taken this scenario, the research suggests that it is costly; time consuming and ineffective to find an investment manager with so called superior performance and yet can provide their services cheaply. Many money managers claim to be superior and they can be in any given year. However, if they are truly the star performers, they need to maintain their position year after

year, but unfortunately the research suggests that one year's star performer turns out to be an average or even laggard in the next year. But this does not end the story here. This is just one bit of research done this vast field. There are numerous other studies that support as well as oppose the idea of Keim and Stambaugh.

Narasimhan Jegadeesh and Titman Sheridan in their research *"Returns to Buying Winners and Selling Losers: Implications for Stock Market Efficiency" (Journal of Finance,1993)* have made another attempt to distinguish between luck and true investment skills. This research paper argues that even if the superior performance results have been obtained over an extended period of time, it is not sufficient enough to prove that it was actually due to investment skills. The skepticism remains that it is due to chance. To elaborate further he has used an example of flipping the coin repeatedly that shows remarkable results after many repetitions. If the head of the coin is considered as the gain on the investment, it is not unusual to have ten consecutive heads in a row, but this does not mean that the investor has the skill of flipping the coin with head up all the time. These results are purely accidental rather than the manager being the genius. In order to make the skill really work, the investment managers need to make various specific predictions regarding the actual reasons behind securities' price fluctuation and the direction in which they move and those predictions need to be true to demonstrate the absence of luck and functionality of the investment skills. True investment can be demonstrated in two ways:

1. Superior investment skills help the portfolio manager to have a better understanding of available information and develop subsequent trading strategies based on their better understanding. To take an example, the manager may be better equipped to use published accounting information in identifying companies whose default risks are different from what market judges them to be. If this investor manager produced majority of these results then he can be trusted as having superior investment skills.

2. An investor with superior skill might be in a better position to predict what is likely to happen in the future. If this is the case then the investor would be able to make specific predictions in advance about things that would happen later on. A higher degree of accuracy on specific predictions would be a way to identify an investor with skill.

If we take a closer look of these sources, we will find one common thing amongst them, which is the specificity of the predictions of the investor with superior skill set. The investor is not only required to predict the direction of the price movements, but also has to defend why the price will move with a reasonably high degree of factual precision. If an investor predicts that a security will perform exceptionally well for specific reasons, and it does perform well, but for reasons that have nothing to do with his predictions, then this is still a chance result and not skill.

The research further says that the future is highly unpredictable and just because it turns out one way or the other does not make any investment manager a genius or a fool. In order to be claimed as an investment genius, one needs to have indisputable and a very long history of precise predictions of what is likely to happen in future. Moreover, as it is discussed earlier that it does not count to make accurate predictions a few times out of numerous inaccurate ones, rather they need to have accurate ones outnumbering the inaccurate category and it is not reasonable to acclaim any investor if he has been successfully acted upon a turn in the market when his other erroneous predictions were forgotten. In the same context, the investor cannot be regarded as a fool if the future unfolds differently than the predictions made by him. The case can be that he made reasonable predictions and estimations the time he assessed the market, however, what the factors that he may have concerned more about might not have materialized under the influence of more dominant ones. Also, the investors who have been lucky and become over confident because of their past luck can become very dangerous to their own future financial welfare.

Moving on further with the topic let us discuss a research paper by *W. Ferson, and A.F. Siegel* named as "*Delivering Excess Investment Returns In Today's Market: Can Active Managers Beat The Market?*" *(February, 2006, Michigan).* The major findings that were discussed in this paper were that investment managers can make use of their skills in devising the strategies that can help them in outperforming the market and the strategies that have a high probability of outperforming the market are incredibly valuable to investors with a long term time horizon.

This study indicate that active portfolio managers have a very difficult time beating the major market averages, but they are capable of delivering excess returns in the market provided they

have superior timing and selection skills. There is incredible number of tools available to the portfolio managers that can be used in selecting securities and timing investments so as to give above market returns and these tools provide competitive advantage to one investor over the other. Not only the global equity markets have developed in this arena, but also modern technology has facilitated the investment decisions a lot as there are widely available financial databases, online SEC filings and software programs to conduct due diligence are at our disposal. The databases now available contain thousands of public companies to screen for the financial characteristics of firms, charts of price, trading volume, and other technical indicators of any company can be reviewed over differing time periods together with press releases and other critical online company's information. Company's website can be visited to know about its management and firm's philosophies. Information on competitive analysis can also be pulled together for further insight and there are numerous liquidity and real time information available that when used skillfully provides a return not imitable by any other in the market. SO this is not the information and technology that makes the difference, it is the specific skills that make all these facilities worth above market returns.

Studies indicate that most individuals perform poorly as investors, and professional managers have as a whole have added little if any excess value. But this paper supports its thesis on both a theoretical basis, and on the basis of the performance of the LSGI portfolio a real money portfolio that was actively managed. The research suggests most major publicly traded actively managed mutual funds perform in line with the S&P 500 average but the volatility of certain portfolios or indexes is higher than others.

If the Capital Asset Pricing Model (CAPM) is considered for examining the relationship between risk and returns of the LSGI portfolio over the last 36 months, the results were that beta (β), the volatility of the LSGI portfolio compared to a benchmark market index, was 1.86 if measured against the S&P 500 index. The portfolio was more volatile than the major index and hence is riskier.

For that level of risk the CAPM model found that alpha (α), the amount of excess returns generated by an active manager over and above the expected market returns, was 3.0% per month. It was also noted that only 31% of the gains of the LSGI portfolio were statistically explained by movements in the Standard & Poor's 500 index. The lack of correlation was

considered a positive attribute by many investment managers, as in theory a portfolio of non-correlative assets tend to enhance total returns without adding additional risk. The results were significant at the 95% confidence level, meaning that statistically there was a high probability the excess LSGI portfolio returns are due to something other than chance.

The portfolio gave such a high return because it was skillfully developed as a function of asset class selection and investment methodology that was very quantitative oriented or in other way mechanical in making both buy and sell decisions for the portfolio, with the goal of aggressive long term growth. Those stocks were selected that had the characteristics of high correlation with future price out performance. These stocks were easily identifiable through screening tools and financial databases. As of the other factors that contributed to the selection of stocks for the out performance of the portfolio were small market capitalization (with market capitalization below $2 billion), low price/sales ratios and high twelve month relative strength (how well a stock has performed over the last 12 months compared to other stocks. The better a stock has performed, statistically the more likely it will continue to perform well). These three statistical measures lay the foundation of quantitative screening systems that made it worth accepting that investment skills play a major role in earning the above market returns and the fees charged by portfolio managers do pay off if the managers have superior performance in true sense.

The next paper that we will discuss is the "***Investing in Mutual Funds when Returns are Predictable***" by ***Doron Avramov And Russ Wermers (April 21, 2005).*** This paper analyzes the performance of portfolio strategies that invest in no load, open-end U.S. domestic equity mutual funds, incorporating predictability in manager skills, fund risk-loadings, and benchmark returns and this makes the funds managed by these managers as actively traded. The research for which we are laying the foundation is primarily based on passive investment strategy, but this paper is discussed here to broaden the horizon by incorporating active management techniques and macro economic variables. These dimensions will help in undertaking further research on the same topic.

According to the research by Avramov and Wermers, the predictability in manager skills is found to be the dominant source of investment profitability that has out performed the profitability dimensions mentioned by earlier strategies like "hot-hands" and "smart-money"

strategies, and generate positive and significant performance with respect to the Fama-French and momentum benchmarks. This research has been quite comprehensive and based on through quantitative model to enhance the effectiveness of results drawn. The research came up with specific results where these strategies outperform their benchmarks by 2-4% per year through their ability to time industries over the business cycle and this is the underlying skill of the investment managers managing these portfolios. Moreover, they choose individual funds that outperform their industry benchmarks to achieve an additional 3-6% per year. Overall, the findings also incorporates the role of industries the is important in locating outperforming mutual funds, and that active management adds much more value than documented by prior studies.

This paper is a very important resource to be used in developing the research undertaken because it provides tentative evidence of promise of the returns of equity mutual funds by assessing the previously available investment opportunity and the ex post performance delivered by predictability based strategies by assessing the sample of stocks undertaken. The research is also important because it has a real time implication on the investment decisions.

The research is carefully designed to develop portfolios that closely follow their close ended counterparts. Secondly, the mutual funds undertaken are al well diversified such that short selling is eliminated. This was important because short-selling of all open-end mutual funds is unavailable to investors and it was prudent to take long-only positions in the funds, which implies long-only positions in the underlying stocks.

The research then assesses the out-of-sample performance of optimal portfolios of mutual funds, using the time-series of realized returns generated by various trading strategies. These strategies are formed every month and it as found that the performance is statistically indistinguishable from zero (and often negative) for strategies that ignore fund return predictability. This suggests that investment opportunities based on mutual fund returns that may be ex ante attractive; do not translate into positive out-of-sample performance. In contrast, investment strategies that incorporate predictable manager selectivity and benchmark timing skills consistently outperform static and dynamic investments in the benchmarks. Specifically, such strategies yield alpha of 9.46% when investment returns are adjusted using a model with a fixed market beta and an alpha of 10.52% per year when investment returns are adjusted using a model with a time-varying

market beta. Using the Fama-French benchmarks, the corresponding alphas are 12.89% and 14.84%.

The superior performance of optimal portfolios that incorporate predictable manager skills is vigorous to adjusting investment returns by the various benchmark models. It was further demonstrated that the predictable skill strategies performed much better during recessions. In particular, ex ante Sharpe ratios and ex post performance measures are substantially higher during recessions. In the same context, it was also noted that predictable skill strategies perform quite well during expansions, generating positive and significant performance. In addition, the predictable skill strategies go further by identifying the very best performing funds during both expansions and recessions.

It was further demonstrated that, for a strategy that incorporates manager skill predictability, the industry-level returns were 2-4% per year higher than those of a passive strategy (that was based on time-series average industry allocation of that same strategy, with a mere difference of active and passive management). In opposition to this, the strategies that does not account for the predictability in manager skills provided the timing performance that was virtually nonexistent for other competing strategies, making the role of timing ability extremely important to bring forth desired performance.

Moreover, it is worth mentioning that allocation of investment among the major industries is also very crucial for good performance results because the strategies that have proven the importance of predictable active management skills tilt more heavily toward mutual funds that overweight energy, utilities, and metals stocks, especially during expansions, indicating that business cycle variables is yet another key to timing these industries. To elaborate further, if we take a look at the individual mutual fund within the outperforming industries that have outperformed their industry benchmark, they have always been considered by the managers with superior skills while constructing their portfolios even if we exclude the trade costs and fees from the benchmark returns. These funds were not known in advance but were very precisely selected by the manager with predictable skills. To support by relevant statistics, an investor who allows for predictable manager skills optimally selects mutual funds that outperform their overall industry returns by 7.1% per year more than their fees and trading costs. Thus, strategies that search for funds with predictable skills are able to capitalize on the varying inter- and intra-industry timing

skills of these funds over the business cycle. Finally, observe that the superior performance of strategies consistently deliver positive alphas that are often significant at the 5% or 10% level. Also note that optimal trading strategies that exclude predictability altogether mostly generate insignificant levels of performance. Overall, the finding that predictability in manager skills is the dominant source of investment profitability still prevails under all circumstances.

Moving to turnover, it was demonstrated that adding predictability in manager reduces the turnover level of funds optimally held relative to no predictability strategies indicating that these strategies identify managers having greater skills in picking underpriced stocks over longer holding periods, thus reducing the significance of active management and making this research more relevant to the research undertaken.

To summarize it was found that investors who use business-cycle information to choose mutual funds derive their returns from two important sources. First, they vary their allocations to industries through the business cycle. Second, they vary their allocations to individual mutual funds within the chosen industries. These selections are largely based on the timing and selection skills of the investment manager that explicitly points towards the significance of topic undertaken for research.

Moving forward with the research work done on this topic, let us discuss the reaserach paper "*Analysis Of Components Of Investment Performance – An Empirical Study Of Mutual Funds In India" by Dr. S. Anand and Dr. V Murugaiah.* In this paper an attempt has been made to examine the components and sources of investment performance in order to attribute it to specific activities of Indian fund managers. It also attempts to identify a part of observed return which is due to the ability to pick up the best securities at given level of risk. the research is very refined and is based on the Fama's methodology. This study covers the period between April 1999 and March 2003 and evaluates the performance of mutual funds based on 113 selected schemes having exposure more than 90% of corpus to equity stocks of 25 fund houses. The empirical results reported by this research reveal the fact that the mutual funds were not able to compensate the investors for the additional risk that they have taken by investing in the mutual funds meaning that the skills of the managers were not worth the fees charged by these managers and these managers have the limited ability to earn above market returns. The study provides

tentative results by showing that market overall performance was the one major factor in negative performance of a given portfolio and selectivity of the investment manager played a big role in positive performance when the timing of investment was favoring the portfolio. The study showed a closer correlation of portfolio's return with the selectivity, expected market risk and market return factors.

This research paper elaborates on a number of factors selectivity defined as the ability of the fund manager to select undervalued securities for their portfolio in order to earn higher return. The overall performance of the fund in terms of superior or inferior stock selection and the normal return, associated with a given level of risk can be assessed with the framework of *i)* *Overall performance:* The overall performance is the total return above the risk free return of a portfolio. The overall performance is contributed by fund managers' ability to pick the best securities at a given level of risk (selectivity). The remaining of the overall performance is due to fund managers' decision to take on a positive amount of risk. The overall performance in terms of selectivity and the return from assuming risk is

$$\text{Overall Performance } (Rp - Rf) = \text{Selectivity} + \text{Risk}$$

ii) Selectivity: Selectivity known as micro-forecasting, an aspect of security analysis that focuses on forecasting the price movements of individual securities. This measures how well the chosen portfolio performed relative to a naively selected portfolio of equal risk. This measure also indicates any difference from the ex post market line and is quite similar to Treynor's measure. The return due to selectivity can be measured as

$$\text{Selectivity} = FR - \text{Expected Return (ER)}$$
$$= Rp - [\, Rf + (\beta p \times Rm - Rf)\,]$$

If portfolio manager attempts to select undervalued stock and in the process gives up some diversification, it is possible to measure the added return necessary to justify this diversification decision. The portfolio's gross selectivity is made up of net selectivity plus diversification as follows:

$$\text{Selectivity} = \text{Net Selectivity} + \text{Diversification}$$

The third factor is *iii) Net Selectivity* = Selectivity – Diversification, a positive high value indicates that the fund has achieved superior returns and investor's are benefited out of the selectivity exercised by the fund manager.

Last but not he least, *iv) Diversification,* indicating the required return for not being completely diversified (i.e., having total risk above systematic risk). If a fund's total risk is equal to its systematic risk, then the ratio of its total risk to the market's total risk will equal its beta and the diversification term would equal zero. If this is not the case, then the ratio of the fund's total risk for the fund relative to the market will be greater than its beta, which implies an added return required because of incomplete diversification. Therefore, the diversification measure indicates the added return required to justify any loss of diversification in the portfolio. The term emphasizes that diversification is the elimination of all unsystematic variability.

These all terms have been discussed here to signify the importance of methodology adopted to draw the concrete results and also to help the reader better understand those results. The methodology has been quite comprehensive and so as the data selected. The research elaborates that in striving to achieve the above-average returns, managers will generally have to forsake some diversification that will have its cost in terms of additional portfolio risk, also know as additional diversification risk. So, if a mutual fund is bearing substantial non-market risk, then for this extra risk the investor needs a substantial extra return meaning that the fund has to earn extra return to compensate for that extra risk.

But the research implies that the additional return on sampled schemes and the market over risk free return was significantly low during the study period. This indicates that the majority of schemes were showed underperformance in comparison with risk free return (except in 1999-00). Though the risk free return has fallen drastically during the sampled period, yet the sampled schemes were not able to generate any excess return over risk free return (RFR). In majority cases risk free return was higher than the fund return during sampled period. It implies that the mutual funds were not able to compensate the investors for the additional risk that they have taken by investing in the mutual funds. It means that the mutual funds were not able to generate the risk premium which they have anticipated in their operation that is directly reflective of the ability of the fund managers in satisfying the investors.

Overall performance is also contributed by risk in addition to the selectivity. The fund managers' bear risk in expectation that it (risk bearing) contributes to overall portfolio return. Otherwise, they may end up by investing their entire resources in risk free assets. However, this risk taking may not always turn fruitful; instead lead to substantial losses most of the time. In this process of

investment, both investors and the fund managers expect certain amount of risk on their portfolio investment by exposing their portfolio to the market risk. The expected risk of the investors is the incremental expected return over risk free return while the fund managers expected risk is incremental expected portfolio return over expected market return.

The summary data reveals that the fund managers on the whole tend to deliver positive return on expected risk except for the year 1999-00. It indicates that though the average fund return was negative for the study period, yet fund managers were able to generate higher expected return than the overall expected market return. The average performance on investors' expected risk was negative for study period except 1999-00. It indicates that the expected return on their portfolio was lower than the risk free rate of return. The fund managers have failed to compensate the investors' expected risk by their portfolio investment. The overall analysis indicates that though the fund managers were successful in performing better than the market expected risk, yet the expected return on their portfolio was much lower than the risk free return. It can be inferred here that the overall market has influenced quite significantly in the performance of portfolio performance of the funds. It implies the fund managers have not generated positive return by exposing their portfolios to a higher or lower risk level than what the investor may have expected.

Diversification is a process for of portfolio investment across different securities. In other words, the portfolio manager takes on some positive dispersion that might have been diversified away because of his belief that he has some securities which will pay him more to concentrate resources therein. The analysis indicates that the diversification process for risk reduction and return magnification through portfolio investment across the different securities by the fund managers has not benefited much to the investors. That is the diversification process undertaken by the fund managers has not provided any additional return which compensates investors for the diversifiable risk. This indicates that the fund managers of sampled schemes were failed in generating return by way diversification of their portfolio during sample period except in 1999-00.

The residual performance on selectivity (after accounting for diversification) is attributed to net selectivity, so that performance on net selectivity is equal to (or less than) that of selectivity. Fund manager's efforts are well paid for if performance on net selectivity is positive. If net

selectivity performance is not positive, it implies that a manager has taken diversifiable risk that has not been compensated in terms of extra return. The analysis reveals the fact that the portfolio managers effort are well paid only in the year 1999-00 and 2001-02 as the values of net selectivity of majority of schemes were positive. But in the rest of the years the net selectivity of majority of schemes were negative which implies that the manager has taken diversifiable risk that that has not been compensated in terms of extra return. It can be understood from these results that the forecasting skill and superior stock selectivity across sampled fund was lacking among the fund managers during the sampled period.

To summarize on the basis of overall analysis, it is not wrong to say that the additional return on sampled schemes and the market over risk free return was significantly low during the study period. This indicates that the majority of schemes were showed underperformance in comparison with risk free return. In majority cases risk free return was higher than the fund return during sampled period. It implies that the mutual funds were not able to compensate the investors for the additional risk that they have taken by investing in the mutual funds. The fund managers have not generated positive return by exposing their portfolios to a higher or lower risk level than what the investor may have expected.

If we analyze the question raised by *Andy Puckett* and *Xuemin (Sterling) Yan* in *"The Interim Trading Skills of Institutional Investors" (University of Missouri, April 2008)* that institutional investors have superior stock-pricing skills through the to date research, empirical wisdom on investors' ability to earn positive abnormal returns turns out to be mixed. Puckett and Yan (2008) used a large propriety database of institutional trades for the period 1999-2005 to examine the trading skills of institutional investors. They found the evidence that institutional investors earn significant abnormal returns in their trade. The interim trading skills of skilled portfolio manager is persistent as opposed to unskilled managers.

The actively managed mutual funds persistently perform well suggesting that at least some portfolio managers are skilled. The professional managers possess little investment skills are economically troubling since portfolio managers are highly compensated by the market.

Portfolio return is not an accurate measure of stock-picking skills since it includes both trading costs and returns of non-stock holdings. Examining the stock holdings and trades of institutional

investors provide more powerful tests about stock-picking skills. A decision to hold stocks already in portfolio is unrelated to portfolio manager's belief about future return.

According to the findings, there is a significant positive relation between quarterly institutional ownership and future stock return. Some of the studies find that changes in institutional holdings are negatively related to next quarter's return. Even if stocks held by mutual funds do not outperform other stocks, stocks that mutual funds purchase offer higher subsequent return as compared to the stocks that are sold. Secondly, quarterly holdings data are not able to accurately trade timings. There is another limitation that trades that occurs at the end of the quarter, but actually trading occurs any time within the quarter.

Timings of trades are imprecise and it limits researchers' ability to identify the superior trading skills. Stock price variation is high within the quarter. Identifying the timing of trades is critical for accurately evaluating the stock trading skills of portfolio managers.

Puckett and Yan (2008) investigated the performance of intra-quarterly round-trip trades. Rational trading managers are expected to reverse their trading in order to obtain gains and reduce the risk of endangering their position, if trades are motivated by value-relevant information and profitable trading opportunities. Informed investors will trade in order to exploit their information advantage in the period before information is publicly revealed. Therefore, it was hypothesized in the study that the abnormal round-trip trading performance will be positive if portfolio managers possess trading skill. Although round-trip trading activity exhibits positive abnormal performance, it is critical to know that certain managers persistently outperform.

Some researchers find that the abnormal performance of round-trip trading activity is important to understand whether institutional portfolio managers possess trading skill. There are certain limitations as well. Short-term realized gains or losses that managers experience within a quarter and does not capture the unrealized gains and losses. Moreover, selling winners too quickly and holding losers too long also distorts the analysis.

The analysis that institutional investors have stock-pricing skills is an important test of efficient market hypothesis. Puckett and Yan (2008) find that portfolio managers earn abnormal return of 1.68%. The data was sorted into quintiles based on the abnormal performance of their round-trip trades and it was found that subsequent abnormal round-trip trading performance is persistent for both high-skill and low skill managers. The researchers presented a second series of tests to

capture intra-quarter trading skills. Stocks that portfolio managers buy should outperform the stocks they sell if managers have stock-pricing skills. Stocks that portfolio managers buy outperform the stocks they sell by 0.91% (0.67%) using equal weighted averages. They further found, that the abnormal trading performance in the first quarter following portfolio formation is 1.82% for high-skill portfolio managers and -0.19% for low skill portfolio managers. Results suggest that institutional portfolio managers possess significant and persistent interim trading skills. Moreover, trading skills results are present for both pension fund managers and money managers, as well as for managers trading in both large and small stocks.

Finally, they have reconciled the sample with prior studies that use changes in quarterly holding to evaluate the trading skill of portfolio managers. They tracked the trades within the quarter and calculated the net trading position for each stock at quarter-end. These trading results provide only weak evidence of persistence and this persistence is only for low skills managers. The results emphasize on importance of identifying intra-quarter trades in investigation and propose that prior studies using quarterly data have likely understand the investment skill of institutional portfolio.

After carefully examining the various aspects of the researchers, it is quite evident from the empirical evidence that there exist a huge difference in the two school of thoughts, one believing that the timing and selection skills have a great role to play in earning the above market returns whereas other opposing it by saying that various market factors are more important in the returns that portfolio managers produce. In the given scenario, this research will reveal further about the topic and will contribute positively to the existing literature.

Chapter no. 3

METHODOLOGY

The methodology of every research plays the vital role because it provides the structure on which the entire research stands and proves itself. The assessment of timing and selection capabilities of the portfolio managers does not only stand on the mathematical tools used for the numerical assessment, but it starts from the development of the portfolio, selection of stock, selection of mutual funds for comparison and then the numerical assessment of the portfolio developed in order to draw tentative results.

In this section I have made an attempt to make the methodology of this research as clear as possible. This chapter is further divided in various subsections for clarity and comprehensiveness.

To make things clear, it is worthwhile to provide a brief summary of the focus of the research. This research encompasses analyzing to what extent investment managers are able in timing the market returns and their ability in selecting the securities based on their experience that can help them in outperforming the market. This will help in determining whether the investment skills of portfolio managers play a role in portfolio performance or whether the portfolio's return solely depend on market movements that follow the random walk.

3.1 Methodology

The approach for devising the methodology of this research encompasses the development of hypothetical portfolio that is based on the assumption that the next year returns on all the securities of the KSE 100 index are known in advance such that the portfolio constructed is meant to outperform the market in any case. This portfolio serves as the benchmark to evaluate the performance of investment managers whose performance is reflected in the best of the category mutual funds selected for comparison. Some of the stocks selected for hypothetical portfolio may have shown high negative returns in the first year but are included in the portfolio because these stocks have shown high positive returns in the second year that is year 2007. If the portfolio would have been made on the basis of historic returns, such securities were bound to be

rejected. If the investment and timing skills of the portfolio managers play a role in outperforming the market, these securities would have been taken up as it is done for the construction of hypothetical portfolio. The comparison of this portfolio with the mutual funds selected will reveal how effective the mutual fund managers have been in capturing the returns that market was capable of delivering. The hypothetical portfolio is fully reflective of the maximum returns that market could deliver given the performance of every stock and their correlation with each other.

3.2 Limitations

The research is subject to certain limitations that can limit the effectiveness and scope of the results. Some of these restrictions are listed as under:

- Other market factors apart from timing and selection skills are not catered for. Some of these market related factors are even important than these skills in the performance of the portfolio or a any funds. However, this provides an entire new area of research.

- The probability of each KSE 100 stock to be included in the hypothetical portfolio is not equal because each stock is selected on the basis of its next year's return. Since the second year return for each stock is different from the other, this naturally creates a bias in stock selection that ultimately brings in a bias in the conclusion drawn from the research data.

- The performance of mutual funds is compared with the hypothetically constructed portfolio. The portfolio is based on the assumption that next year returns were known in advance. If the returns are not known in advance, that what happens in the real world, the total market potential configured through the portfolio will be different (expected to be lower than what is calculated) from what is calculated in this research.

3.3 Research Objectives/Questions

This research is meant to answer the following questions:

- Are investment managers in a position to time the market returns so as to outperform the market?

- Are investment managers able to select the securities that can help them in beating the market performance?
- Does the experience of the investment managers provide them any help in earning the above market return?

3.4 Scope of Research

This research encompasses the establishment of a portfolio where the next year returns were known in advance and there is maximum probability of this portfolio outperforming the market and then this portfolio's performance is compared with that of selected mutual funds so as to analyze to what extent the timing and selection skills of investment managers have helped them in earning the returns and to what extent those returns were comparable to that of hypothetically constructed portfolio. The hypothetical portfolio will signal the extent of earning above average returns given the market conditions and it will help in analyzing to what extent the investment managers were able to capitalize on these opportunities.

Therefore, the scope of this research encompasses the entire stock market or the equity market and is concentrated to KSE 100 index. The portfolio is constructed using all the available stocks. However, the probability of being selected in the portfolio is not equal for all securities since each security is selected on the basis of its next year's return which is not equal for every stock. The scope of this research also extends to listed mutual funds that are traded on the stock exchange and are reflective of the actual performance of the portfolio managers compared to the hypothetical stock portfolio made on basis of KSE 100 securities. The scope of the research is very broad with certain incorporated assumptions and limitations that have an impact on the result achieved and conclusion drawn.

3.5 Data and Sampling

The data used for carrying out this research is primarily the equity data without any traces of the debt market data. The equity market is very unpredictable especially in comparison to debt market and thus will provide a better understanding of the role of investment managers in earning the above market returns.

The equity data used to carry out this research takes the form of the annual holding period returns and their standard deviations of all top 100 companies listed on Karachi Stock Exchange of two years i.e. 2006 and 2007. The returns of year 2006 and 2007, both are used in constituting a portfolio that promises above market return. These securities are selected on the basis of returns for year 2007 and then the portfolio is constructed by ensuring that securities selected for inclusion in the portfolio are negatively correlated with each other. Securities that promise increasing holding period returns but their returns is positively correlated with each other are excluded from the portfolio so as to manage the risk level of the hypothetically constructed portfolio. The weights to be assigned to each security in the portfolio are determined using the "Solver" add in of MS Excel. The different combinations of securities provide an efficient frontier that is the combination of various investment points. The point where is investment will be made is the one where the risk level of this portfolio becomes equal to that of the mutual funds thus considered. The comparison of returns is made at the same risk level so as to determine to what extent the investment managers are able to optimize the returns that can be earned at a given risk level. The further analysis will reveal more about the investment skills of the fund managers.

3.6 Type of Research

This research on timing and selection skills of investment managers is quantitative in nature where the basic tools used for analysis are holding period yields, their arithmetic means and the subsequent annualization, the standardization of daily returns and the subsequent annualization, the expected returns calculated using Capital Asset Pricing Model (CAPM) and the optimization of the returns given a certain risk level. These numerical tools leave no space to think that the research has qualitative basis of analysis and these quantitative tools help in coming up with tentative results and conclusion.

3.7 Assumptions

Assumptions underlying the research are one important feature that determines the value of any research. This research is based on the certain set of assumptions that help in determining the

actual value of the research done. The assumptions that shape this research are discussed as under:

- The most important and major assumption of this research is that the second year's (year 2007) stock prices and the subsequent holding period returns of the entire stock market that is KSE 100 was known in advance that facilitated the development of a portfolio that can outperform the market for sure and determines the maximum potential that market was capable of delivering.

- The returns are calculated on the basis of closing daily prices of stock and thus the return is primarily based on the capital gains. The dividend income is not used in calculation of daily returns and their annualization and so do the right and bonus issues.

- The transaction costs are assumed as zero while making, reconstructing and evaluating the portfolio.

- For the purpose of annualizing the daily returns, the compounding period used is kept 252 days.

- There is no limit on volume of stock that can be bought or sold and all the stocks can be traded at the closing price during the trading hours on a particular day.

- Taxes are assumed to be zero while doing all the calculations.

- For the purpose of evaluation, the time horizon of the investment is taken into account and thus the comparative risk free rate is used. The six month T-bill rate is used in the CAPM to derive the expected returns of the stock.

- The investment in the portfolio is made on the basis of future data. Any past outlook of the stock performance is kept at the minimum.

- The market is considered to be efficient and the stock prices reflect all the available information.

- The inflation level is not considered while calculating the returns and other particulars.

- The standard deviation or risk of the stocks is not considered while constructing the hypothetical portfolio.

3.8 Resources Used

The resources that will be used in carrying out this research are listed as follows:

- Various books on investment and portfolio management.
- Stock data available on websites of Business Recorder and Karachi Stock Exchange.
- Stock information available on different search engines.
- Research papers published by various authors regarding the same or similar topics.

3.9 Portfolio Development:

This section explains how the hypothetical portfolio that provides the basis of this research is developed and how the securities to be included in this portfolio are selected. This portfolio is meant to provide the maximum returns that can be earned in the given market situation and individual stock performances prevailing in year 2007. For this purpose, the initial step is to collect data from KSE and Brecorder online so as to perform the necessary operations on it.

3.9.1 Type of Investment Management:

Broadly defining there are two types of investment or asset management strategies i.e. Active investment management and Passive investment management. These investment approaches provide the basis for investment and must be decided upon before undertaking investment in any of the securities. The active management of the portfolio provides a better opportunity to beat the market if the selection and timing skills of portfolio managers truly exist and if their experience has something to do with returns they are producing. But the assessment of the active management being difficult can blur the entire assessment without providing any clear results. Therefore, passive management style is taken up to carry out this research.

"Passive investment management makes no attempt to distinguish attractive from unattractive securities, or forecast securities prices, or time markets and market sectors or in other words indicate any future predictions based on their research. Passive managers invest in broad sectors of the market, called asset classes or indexes, and, like active investors, want to make a profit, but accept the average returns various asset classes produce. Passive investors make little or no use of the information active investors seek out. Instead, they allocate assets based upon empirical research delineating probable asset class risks and returns, diversify widely within and

across asset classes, and maintain allocations long-term through periodic rebalancing of asset classes." (http://www.evansonasset.com/index.cfm/Page/2.htm)

3.9.2 Data Collection:

The data collection starts from the process of collecting daily data of all the companies listed in KSE for the year 2006 and 2007. The closing prices were segregated from the raw data that was collected. Then in order to calculate the returns of each company, individual HPR and HPY's of each company in every sector was calculated. After that the data was annualized and annualized HPY was calculated from the daily returns. Variance and standard deviation for each company were also calculated.

3.9.3 Short Listing Companies:

In order to shortlist the number of companies in the process of portfolio formation we created a summary consisting of all the companies in the respective sectors and the data against them was the annualized Arithmetic mean for the two years, annualized standard deviation and the variance. The companies were arranged in descending order of their returns within their sector of operations. Once all the companies were sorted those companies were eliminated which were providing negative or minimal returns and kept those companies which were at the top with much positive returns in their sector.

3.9.4 Correlation Matrix:

After the process of short listing the companies I ended up with 91 companies for carrying out the correlation among the stocks. The purpose was to include those stocks in the portfolio that are negatively correlated or uncorrelated with each other so as to minimize the impact of market movements on the stock. After I got the correlation matrix of all the 91 companies, I sorted them by applying conditional formatting. The rules for conditional formatting were that I color the values red which were greater than zero and those less than zero were colored green. The conditional formatting matrix helped me to eliminate those companies which were positively correlated and keep those with negative correlation among them. I tried to maintain those stocks

which had more of a negative correlation among them as compared to the positively correlated ones and that left me with 23 companies whose stocks made my hypothetical portfolio.

3.9.5 Regression Matrix:

The companies were shortlisted by eliminating positively correlated ones from the selected 91. For resulting 23 companies, I carried out the regression of individual stocks against the market returns. This process gave the beta for each company against the market returns. This beta is in turn used in calculation of expected returns discussed next.

3.9.6 Expected Returns:

After obtaining the Beta from the regression process I calculated the individual expected return for each company. For calculating the expected return I also needed the risk free return, since stocks are long term investments so I took the risk for 6 month T- Bills i.e. 8.8124%. An analysis of each of the expected return calculated by CAPM equation was giving an indication that the returns are lower than what is expected in the future for the next year. The reason for these lower returns is that I am calculating the expected return based on current market premiums and return from KSE 2006 data. I was optimistic about the expected returns to be more than calculated because of the various signals in the month of December 2006 that pointed out the positive prospects of increased returns in the year 2007.

3.10 Portfolio Construction:

This section discusses the areas related to construction of hypothetical portfolio:

3.10.1 Co variance Matrix:

The formulation of expected returns from the CAPM equation gave us a point to form a listing of all the 23 companies I had shortlisted for the hypothetical portfolio. I also listed the actual returns of 2006 against the expected results calculated by the CAPM equation, the standard deviation of the actual 2006 data calculated earlier. The expected returns are very different from the actual returns for 2006 and may not be true reflector of the 2007 returns, but these returns

show what is theoretically expected of the market and will help in determining to what extent portfolio managers made use of their skills and experience in capturing the market potential.

3.10.2 Solver:

By obtaining the covariance among the different companies I used the solver Add-in first for equally weighted stocks and set a limit on the expected return and standard deviation. I was actually trying to maximize the returns and minimize the risk for the hypothetical portfolio. First of all I created a covariance matrix with equally weighted stocks in which the covariance values are multiplied with the weights of the respective stocks. In this case the weights for all the stocks are the same. I set the constraints for all the stocks weights, the sum of all weights should be also equal to one; the expected return is also added in the constraints. Then when I work out on the matrix using the solver, I get the expected return against the standard deviation indicating how much return I can garner with the specified standard deviation.

3.10.3 Efficient Frontier:

Using the solver add-in I could find out different values of risk against different values of return as mentioned in the constraints. While plotting the values of risk and return as calculated by the solver, I was actually trying to create an efficient portfolio which could be placed on the efficient frontier. I wanted to contain the highest level of expected return for a given level of risk which is actually the risk of mutual funds used for comparison. This means that at this point on the efficient frontier it is not possible to construct another portfolio with the same or higher level of returns given the same level of risk. The different weightages used for construction of this hypothetical efficient portfolio are used to calculate the actual return earned on the portfolio and its comparison is made with the mutual funds selected so as to measure the effectiveness of timing and selection skills of the investment manager.

Chapter no. 4

ANALYSIS

This chapter discusses the detailed finding and analysis of the data collected. Let us take a look at every element one by one:

4.1 Securities Selection:

The securities selected for constructing the hypothetical portfolio have shown very different performance in FY 2006 as compared to FY 2007. The stocks, as discussed, are selected on the basis of returns earned in year 2007 that are way too different from the returns earned in 2006. Some of the securities were even earning a negative return and it was prudent not to include those securities in the portfolio if the assumption regarding the known future performance would not have been considered. First of all we will consider all the companies and the performance they have shown in the two years. This will give us the valuable insight regarding why these companies were selected and what significance they provide to the overall performance of the portfolio.

4.1.1 Packages Ltd.

The performance of the Packages Ltd. in year 2006 was not good enough to be selected for the investment as it showed the average annualized return of 2.0474% with the standard deviation of 28.387%. However, the performance in year 2007 made it feasible to be included in the hypothetical portfolio as its return increased to 546.741% with the standard deviation of 103.665%. Since the risk factor was assumed to be insignificant in hypothetical portfolio construction, it has a little role to play at this point of time. However, it is the major determinant of portfolio's risk to be discussed later.

4.1.2 IBL Modarba Ist

The performance of IBL Modarba in year 2006 was very astonishing regarding the fact that it was included in the hypothetical portfolio. It was earning an average annual return of negative

27.873% that was in fact a loss with the risk level measured by standard deviation as 61.362%. apparently it is not a wise decision to take up this stock if historical information is used for portfolio development, but the stock have great chances of profitability that should be identified by any skilful investment manager. This is clearly shown by the results of FY 2007 when the return turned out to be154.554% and standard deviation was 76.608%.

4.1.3 Mehran Modarba Ist

Mehran Modarba has also shown the similar results like that of IBL. The performance of Mehran Modarba in fiscal year 2006 was very risky where the annualized return was negative 13.692% with high risk level of 121.1403% standard deviation. But the reason for inclusion of this stock in the portfolio lies in the fiscal year 2007's performance which was very positive as compared to 2006. The annualized return in FY 2007 was 1109.544% and the standard deviation was 171.433%.

4.1.4 Pak Modarba Ist

When compared to the IBL and Mehran Modarba, Pak Modarba was doing tremendously well where the annualized average return for year 2006 was 40.2728%; however, the risk level remained high at 114.497%. Since we are not directly concerned with the risk level, the return has made Pak Modarba very attractive for investment. The same performance continues in year 2007 and the return turned out to be 231.823% and the standard deviation was 103.434%.

4.1.5 Prudential Modarba Ist

Prudential Modarba like the other Modarba stocks have shown very doubtful performance when analyzed for investment. The annualized return for the year 2006 turned out to negative 20.698% where the standard deviation that signifies the risk level was 88.827%. However, the performance in year 2007 was very astonishing where the return was 231.992% and the standard deviation was 105.430% which actually justified its inclusion in the hypothetical portfolio.

4.1.6 Tri-Star Modarba Ist

Tri Star Modarba performed very similar to Pak Modarba where the average annualized daily return for fiscal year 2006 was 56.4803% and the high risk level was demonstrated by the standard deviation of 164.225%. The performance in year 2006 was good enough for investment according to criteria developed for this research, but the year 2007 was even better that was the prime basis of this stock selection. The annualized average return in fiscal year 2007 was 1711.136% and the standard deviation was 247.374%.

4.1.7 Unity Modarba

The performance of Unity Modarba in year 2006 was outstanding where the annualized return was 262.254% with the extremely high risk level of 203.981% standard deviation. However, this performance is no surety for the next year's investment. However, Unity Modarba turned out to be very strong in performance where the year 2007's return was 709.091% and the standard deviation was 180.800%.

4.1.8 Al Azhar textile

The textile sector has been showing very fluctuating performance in year 2006 where the annualized return of 36.769% was low as compared to the high risk level of 108.325% depicted by the standard deviation. However, the performance of year 2007 was comparatively better where the return turned out to be 51.012% with the standard deviation of 60.548%.

4.1.9 Ali Asghar Textile

The performance of Ali Asghar textile was very disappointing in year 2006 considering the fact that it was included in the hypothetical portfolio. The annualized average return was negative 10.059% and the risk level was very high as depicted by the high standard deviation of 114.269%. However, the performance in year 2007 was comparatively good where the risk has not decreased much remaining at the level of 105.853%, but a good increase in the annualized average return of 69.692%.

4.1.10 Azam Textile

Azam textile performed extremely poor in year 2006 where the return on average annualized basis was negative 1.377% and an extremely high risk level of 132.291%, but the performance on the basis of which it was selected was amazingly good where average return for the year 2007 is 416.729% and the standard deviation of 156.854%. When the returns fro the two years were taken together, Azam was had a remarkable performance in year 2007 when it was included in the hypothetical portfolio.

4.1.11 Crescent

The performance of Cresent in year 2006 was very poor when the company was earning a negative return of 42.459% and the standard deviation was 55.203%. However the situation changed completely in year 2007 when the annualized return turned out to be positive 59.665% and the standard deviation increased a little and reached 58.561%.

4.1.12 Sind

Sind has the similar situation where its performance in year 2006 was below the acceptable level and it was earning a negative return of 37.137% and the risk level stood at 46.917%. But as expected, the performance in year 2007 increased to a level where the negative return turned to positive 53.737% with a slight increase in the risk when the standard deviation reached 49.316%.

4.1.13 Noon Pakistan Rc

The performance of Noon Pakistan Rc like many others was below the acceptable level in year 2006 because the return was negative 17.181% and the standard deviation was 17.715%. But the performance improved in year 2007 that made this stock valuable for inclusion in the hypothetical portfolio. The return increased to the level of 197961.398% and the standard deviation stood to 721.782%.

4.1.14 Saleem Denim

Saleem Denim was doing very well in year 2006 and it was a very good prospect to be included in the hypothetical portfolio. The performance in year 2007 was also good when the return on the stock on an annualized basis stood at 87.773% and the standard deviation stood at 124.116%.

4.1.15 Eye TV

Eye TV has shown a performance level year 2006 that was very ordinary as the annualized return was only 7.051%, but the risk level was comparatively very high that is 50.095%. But year 2007 turned out to be very good when the return increased drastically and stood at the level of 774.727% with a very slight increase in the risk level up to the point of 55.747%.

4.1.16 Pak Datacom

When compared to Eye TV, Pak Datacom was even a better option because in year 2006 it was earning a negative return of 15.199% with the standard deviation of 39.391%. However, in year 2007, the return on an annualized basis increased to 105.239% with a little decrease in the risk level when the standard deviation reached a lower level of 37.536%, thus making this stock even a better option for construction of hypothetical portfolio.

4.1.17 Worldcall Telecom

Worldcall Telecom has also shown a good rebound in year 2007 as compared to year 2006. The company was earning an annualized return of 20.018% and the standard deviation of 53.170% in year 2006. However, this level increased drastically in year 2007 to the point where the annualized return was 82.521% and the standard deviation decreased to 39.960%.

4.1.18 Saif Nadeem Kawasaki Motors Ltd

Saif Nadeem Kawasaki Motors Ltd's performance in year 2006 was well below the acceptable level when the annualized loss on the stock was 31.009% and the risk level stood at 106.898%. But this does not make the stock altogether bad to be invested in. the stock has shown a tremendous performance in year 2007 when the return on a stock was positive 174.230% and the standard deviation was 136.297%.

4.1.19 Atlas Battery Ltd

Atlas Batter has shown a similar performance as of several previously discussed cases. In year 2006, the return that Atlas Battery was generating was only 1.393% but the standard deviation was 37.888%. But in year 2007, the company turned out to be very attractive for investment when its was generating the annualized profit of 141.972% with a slight increase in the risk level that reached to the point of 43.934%, not very different to the previous year's level.

4.1.20 Exide Pakistan Ltd

Excide was not a bad performer in year 2006 when it was generating a profit of 32.537% with a very acceptable risk level of 29.166%. But the performance that made this stock particularly attractive was that of year 2007 when the annualized return increased to 139.504% and the risk level was very similar to many other included in the hypothetical portfolio that is 42.921% value of the standard deviation.

4.1.21 Transmission Eng Ind Ltd

Transmission Eng Ind Ltd has shown a very poor performance in year 2006 when the stock was giving a loss of 51.101% and the standard deviation was 76.5398%. The loss was huge and it was not prudent to undertake this investment with an over optimism of a positive return next year. However, the stock provided a huge profit in year 2007 when the expected return for the year on an annualized basis is 324.583%, but the risk level increased to 110.246%.

4.1.22 Siemens (Pakistan) Eng Co Ltd

The performance of the Siemens (Pakistan) Eng Co Ltd in year 2006 has been quite good when the expected return on the stock was 34.244% with an almost equal level of risk level as measured by the standard deviation, which is 32.4495%. The stock has even outperformed this level of performance in year 2007 when the return increased to 128.381% and so as the risk level that increased to 96.447% as measured by standard deviation.

4.1.23 Gharibwal Cement Ltd

In year 2006, Gharibwal Cement Ltd was giving almost no return because the annualized standard deviation was -0.0004% which is near to zero, but the standard deviation was 51.588%. The performance increased significantly in year 2007 when the expected returns increased to 76.816% where as the risk level remained almost the same when the standard deviation decreased a bit and reached 50.615%.

If we take a closer look at the stocks selected for the hypothetical portfolio, we will realize that major investment is made in the Modarba sector. This is due to the fact that Modarba sector was expected to have the best performance in the upcoming year. However, it has certain implications that are discussed as follows:

- This investment has definitely increased the level of risk inherent in the portfolio, but the assumption of known future returns nullifies the fear of unknown.
- Secondly, the same risk level is used to compare the expected return, thus standardizing the impact for the hypothetical and actual portfolio as well as the mutual funds.
- Thirdly, the portfolio constructed is free of any restriction of no recomposition. The composition of the portfolio can be changed anytime as the market situation changes or as the need arises. But for the purpose of this research, the portfolio is treated as a passive investment and is not reconstructed during the year. For the purpose of further study, the portfolio can be reconstructed at the end of year 2007 and can be revaluated to reveal further results.
- Fourthly, The standard deviation may not be a very good measure of the risk level because of its inherit weakness, even though it is one the most widely used measure, but the standard way in which all stock are measured on this criteria provide huge benefits of the tools used and the decision taken.

4.2 The Expected Returns of Stocks:

It was worthwhile to calculate and observe the expected returns of stocks individually as well as of the portfolio. This provide an indication of what the stocks were performing in year 2006 and what they were expected to perform in year 2007 and this comparison with the actual

performance in year 2007 will reveal how well the portfolio managers have performed. The actual returns for both years have been discussed in great details above. However, here we will only make a comparison of what was expected in comparison to what the performance was in year 2006, because the performance in year 2007 was exceptionally well for al stocks. Let us take a look at each of the stock individually:

- *Packages Ltd* was giving the return of only 2.047% in FY 2006, but its beta with the market was -1.843, meaning that it was expected to move against the market and perform exceptionally well where the expectation was very higher than the actual that is 14.915%.

- The expectations regarding *IBL Modarba Ist* were even higher because the performance in year 2006 was -27.873% but the expectation was same as that of Packages Ltd. that is 14.915% because its beta with the market was same, -1.843.

- The expectations of *Mehran Modarba Ist, Pak Modarba Ist, Prudential Modarba Ist, Tri-Star Modarba Ist* and *Unity Modarba Ist* was the same that is 14.915% because these all securities have same beta with the market that is -1.843. However, they all have shown very different performances in year 2006 when the returns were as low as -20.968% (Prudential Modarba Ist) and as high as 262.254% (Unity Modarba). However, how fruitful they have been will be determined by the actual performance of year 2007, but what is useful here is the fact that the Modarba sector is expected to perform really well in year 2007. The beta of all the securities is the same with the market returns and all the securities are expected to move in the same direction that is opposite to the performance of the market.

- *Al Azhar Textile* and *Ali Asghar Textile* both have negative beta with the market signalling that their return will move in opposite direction as compared to the market. Their respective betas are -0.303 and -0.186 and thus their respective expected returns are 9.818% and 9.429%. when compared with the market return of 5.504% and a negative risk premium of -3.311%, the expected returns of these stocks, together with the other constituting the hypothetical portfolio, are quite high and this is largely due to the negative betas of these stocks.

- *Azam Textile* and *Cresent* have positive beta meaning that they will move in line with the market returns. They expected returns are in turn not very low that is 8.459% and 7.916%

based on current market premium and this is the reason that they are included in the hypothetical portfolio.

- *Sind* has a beta of -0.009 which is very close to zero meaning that this stock has almost no relationship with the market. This is the reason that the expected return of this stock is almost equal to the risk free rate and is comparatively higher in face of the negative risk premium.

- *Noon Pakistan Rc, Saleem Denim, Eye TV, Pak Datacom* and *Worldcall Telecom* all have positive betas signalling their move in direction of the market returns with varying degrees of relationship as signalled by their respective betas of 0.047, 0.030, 0.147, 0.147 and 0.818 and respective expected returns of 8.657%, 8.714%, 8.327%, 8.327% and 6.105%. The expected return of Worldcall telecom is comparatively lower because the relationship of this stock with the market return as compared by the beta is quite high resulting in an expected return that is in turn very close to the market return.

- *Saif Nadeem Kawasaki Motors Ltd* has a negative beta of -0.227 and combined with the negative risk premium gives an expected return of 9.567%. these expected returns apparently seems high in isolation, but when compared with the actual returns of the year 2006 and actual returns of year 2007, these returns are very nominal, but they stands a difference between theoretical returns and actual returns that cannot be diminished. The expected return is a simple attempt of carving the future market conditions before they are known.

- *Atlas Battery Ltd, Excide Pakistan Ltd, Transmission Eng Ind Ltd, Siemens (Pakistan) Eng Ltd* and *Gharibwal Cement Ltd*, all have positive betas that is 0.486, 0.111, 0.178, 0.117 and 0.999 respectively. The respective expected returns are 7.206%, 8.446%, 8.226%, 8.428% and 5.508%. The beta of Gharibwal Cement is 0.999 that is almost one and this shows that this stock follows the market move and therefore its expected return is 5.508% which is almost equal to the current return of the market.

4.3 Evaluating Different Portfolio Compositions:

After taking into consideration the actual returns for year 2006 and year 2007, as well as the expected returns for year 2007, it is about time to develop and evaluate various portfolio

compositions and select the one that fulfils our requirement. Here we will go step by step to enlighten the significance of each phase of the methodology involved.

4.3.1 Correlation Matrix

The correlation matrix was one of the most important elements of thus research. This was the first and foremost step of securities selection. Once the securities were selected in bulk based on the year 2007's returns, correlation between the securities were used to screen out those that were uncorrelated or negatively correlated with each other so as to minimize the risk level of the portfolio. This correlation matrix is used further to find variance and standard deviation of the portfolio.

4.3.2 Covariance Matrix

The covariance matrix is constructed using the correlation matrix and the standard deviations of individual securities. This covariance matrix is constructed to determine the variance and standard deviation of the portfolio using the modification of Markowitz formula of standard deviation for more than two securities. The detailed calculations are appended with the research, however, to refresh the Markowitz standard deviation of portfolio, let us look at the following:

$$\text{Var}_p = w_1{}^2\, \text{Var}_1 + w_2{}^2\, \text{Var}_2 + 2\delta\, w_1\, w_2\, \text{SD}_1\, \text{SD}_2$$

Where

Var_p = Variance of portfolio

w_1 = Weight of first security

w_2 = Weight of second security

Var_1 = Variance of first security

Var_2 = Variance of second security

δ = Correlation of first and second security

SD_1 = Standard deviation of first security

SD_2 = Standard deviation of second security

4.3.3 Assigning Different Weightages

The portfolio is constructed using various weightages and the subsequent risk and returns are calculated. These returns and risk levels are used to determine the efficient frontier so as to determine the points where the risk level is minimal but the returns are maximum. This will further optimize the returns that can potentially be earned in year 2007 and will in turn determine the effectiveness of the portfolio managers. These different weightages have helped in determining the performance of the securities selected at various levels of investment and has contributed towards the evaluation of the selection skills of the portfolio managers.
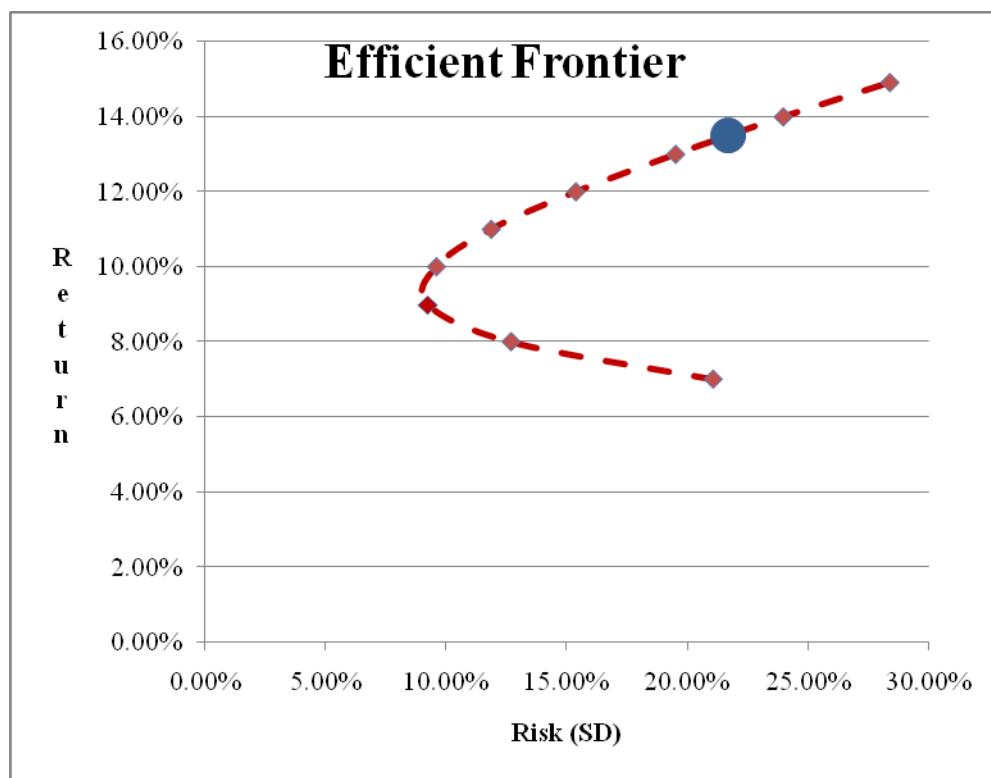
Figure 4. 1 Efficient Frontier

4.3.4 Selecting Hypothetical Portfolio

The portfolio can be constructed using various weights for the securities involved. But the idea was to select that point on the efficient frontier where the risk level of the portfolio is equal to the risk of five mutual funds (calculated by assigning equal weightages to all mutual funds selected in the Markowitz formula for calculating portfolio's variance) so as to ease the comparison and

draw tentative results. The portfolio can be developed for any point at the efficient frontier because every point provides the return that cannot be matched by any other composition at the same risk level. The hypothetical portfolio selected is displayed as a bold point on graph given above. At this level, the risk level of hypothetical portfolio and the mutual funds selected is the same.

4.4 Mutual Funds

The next and the most important step involve the selection and evaluation of the mutual funds to which the results of the hypothetical portfolio are compared for concluding the research. The mutual funds that were selected for this research were close ended mutual funds and open ended mutual funds were not considered so as to avoid the complexity. There are numerous measures available to rank the mutual funds, but for the purpose of this research performance based ranking is used.

4.4.1 Mutual funds Selection

Highly ranked mutual funds are reflective of better performance that can be taken as a token of good performance of portfolio managers. This research has made use of the overall performance of the mutual funds to select those for benchmarking that have proved to be the best performers. The performance based ranking have identified the following mutual funds that are not only top performers, but also have inception dates meeting the requirement of this research, meaning they are old enough to be designated as top performers over the years. Let us discuss each of these:

4.4.1.1 Pakistan Premier Fund

Pakistan Premier Fund has an inception of January 2003 and has been rates as a five star fund. The annualized arithmetic mean for this fund in year 2007 was 8.904% with the standard deviation of 42.110%.

4.4.1.2 First Capital Mutual Fund

First Capital Mutual Fund has an inception of May 1995, and has been rated as a four star fund. The annualized arithmetic mean of the fund 55.687% and the annualized standard deviation is 54.555%.

4.4.1.3 UTP Large Cap Fund

UTP large cap fund has an inception of April 2004 and is rated as five star fund on the basis of its performance. It has an annualized arithmetic mean of 5.140% and the annualized standard deviation of 29.722%.

4.4.1.4 Al-Meezan Mutual Funds

Al-Meezan mutual funds have an inception of January 1996 and have been proven to be a five star fund. Al-Meezan has shown an annualized return of 7.929% with a risk level of 42.110% that is quite high as compared to its performance.

4.4.1.5 First Dawood Mutual Funds

The First Dawood mutual funds have an inception of March 2005 and are relatively new as compared to the other funds. It has an annualized arithmetic mean of 36.527% with the annualized standard deviation of 42.140%.

4.4.2 Deciding the Risk Level

The mutual funds are already portfolios of various securities and when taken together, should be treated as a set of funds. Therefore, equal weightages have been assigned to these funds to calculate return and standard deviation in order to ease comparison. In this case, 0.2 was the weight that was assigned to every mutual fund. The weighted average was calculated to get the mean return of these mutual funds and again Markowitz formula was used get the variance for these mutual funds and the subsequent standard deviation. The values calculated this way is displayed in the exhibit below.

Weighted Average	*22.837%*
Weighted Variance	*4.664%*
Weighted Standard Deviation	*21.596%*

Figure 4. 2 Mutual Funds Performance

In order to decide the hypothetical portfolio, it was previously decided to match its risk level with that of the mutual funds. After getting the values for the return and risk of top performing mutual funds, the task became easy. The exhibit below shows the various risk and returns for the hypothetical portfolios with different composition of securities. The level of risk of mutual funds and the hypothetical portfolio matches at the level where the return of the hypothetical portfolio is 13.50%. This point was also highlighted in the graph given above.

Return	*Risk*
7.00%	21.06%
8.00%	12.69%
9.00%	9.24%
10.00%	9.59%
11.00%	11.86%
12.00%	15.37%
13.00%	19.51%
13.50%	21.71%
14.00%	23.97%
14.92%	28.39%

Figure 4. 3 Risk and Return

4.5 Actual Returns of Stock versus Mutual Funds at the Given Risk Level

The weightages of different securities to reach risk and return levels discussed above were already determined and the weightages of the securities at the point where risk is 21.71% and the

return is 13.50% is used in exact the same manner as suggested by solver add in of MS Excel. However, some returns in year 2007 were abnormally high. It is reasonable on the part of portfolio manager to predict that the stock will do go or at least will do exceptionally good, but this is not realistic to expect these managers predict the exact return that these stocks will generate. In order to depict the true picture, some of the abnormally high returns are reduced to a level that is reasonable as well as realistic. This will also help in reducing the bias from the calculations. Such returns are reduced to the maximum level of 100 percent no matter how high they have proven to be. The return for Noon Pakistan turned out to be 197961.398% but since this return is abnormally high and no one could have ever predicted such a performance, the return is taken as 100% as the maximum that could be predicted or expected. Similarly, the return for Packages limited was 546.741% and it was optimized as 100% maximum so as to draw results from reasonable and realistic set of data.

The actual return of the hypothetical portfolio in year 2006 has remained very low that is 4.924% that was not even meeting the risk free rate that was 8.814%. However, as we have assumed, the portfolio manager must be capable enough to predict the expected returns of year 2007 and make investments accordingly. The expected returns that Capital Asset Pricing Model (CAPM) has produced for the hypothetical portfolio was 13.5% where as the actual return turned out to be 111.652% that is even adjusted fro the abnormalities. None of the individual mutual fund was capable of producing this much return or even capable of meeting it with lower, equal or even high risk level. This may be the maximum potential of the market, but it was not very well captured by the portfolio managers leading to strong evidence of luck and less for the skills that the managers possess.

4.6 Role of Selection and Timing Skills

After carefully examining all the facts, figures and inferences, it is time to draw results regarding the timing and selection skills of the portfolio mangers. The research has taken great deal of focus and analysis to look at various angles that can help them in determining the role of these important skills. Let us discuss these one by one.

4.6.1 Selection Skills

The selection skills of the managers are meant to help them in selecting those securities that have promising returns and that are expected to do good in the coming years. Also, the selection skills help the portfolio managers in selecting the composition of securities to form a portfolio that can help achieve optimized results. According to the research, the selection skills were not demonstrated in mutual funds performance. The average return of mutual funds, in annualized form, was not significant enough to force the role of portfolio managers in capturing significant amount of market potential. Market was capable of producing huge returns, but the returns captured by these mutual funds, when taken together, was not up to the mark. If taken separately, some of the mutual funds did quite well when the returns earned by them was above 40 percent, but the risk associated with these returns were very high, directing to the fact that the selection skills have not been the guiding factor in the portfolio performance and market factors have remained more important.

4.6.2 Timing Skills

The timing skills are meant to help portfolio managers better time their investments so as to produce the maximum returns. This research incorporates the timing test of portfolio managers when it talks about investing at year end of 2006 to reap the positive movements in year 2007. Despite of the fact that the securities were not doing good in year 2006, the year end was the perfect time to invest in certain securities so as to benefit from the positive movements in year 2007. According to the results, timing skills were not very well demonstrated by the portfolio managers. Once again, the mutual funds were not earning a good return when taken collectively, but individually, some of the managers were able to time their investments and capture some of the returns that market has to offer to the investors. But to draw an overall conclusion, timing skills has helped portfolio managers little in outperforming the market and there are other factors that have contributed to the returns that portfolio managers have earned over the period of year 2007 and this opens a new area of research.

Chapter no. 5

CONCLUSION

The research was meant to analyze the importance of timing and selection skills of portfolio managers in earning the above market returns. Selection and timing skills of the mangers are known to be an important variable in portfolio performance and thus help the portfolio managers charge high fees for these profits. Existing literature has discusses two extremes regarding this topic where some researchers believe that these skills do exist and are one of the important factors in earning huge returns. On the other hand, a completely opposite school of thought exists that argues that there exist no such skills ad market related factors are the major determinants

This research used a very comprehensive methodology to evaluate these two skills whereby the next year's return were assumed to be known to form the hypothetical portfolio and compare it against the returns of top performing mutual funds at the same risk level so as to determine to what extent portfolio managers were able to capture the return that market was capable of producing. The data used for this research was the complete closing prices of KSE 100 for two years that is FY 2006 and FY 2007.

The timing and selection skills of the managers can be a factor in earning above market return, but the research has shown that there are many other factors that have more important role to play in earning the return that can help the investor meet or beat the market. Timing and selection skills are there, but they are not the dominant factor in the returns that portfolio managers produce on their investment. These skills can help the managers in capturing a certain section of the potential that market has to offer to the investors.

According to the research, the selection skills were not demonstrated in mutual funds performance. The average return of mutual funds, in annualized form, was not significant enough to force the role of portfolio managers in capturing significant amount of market potential. Market was capable of producing huge returns, but the returns captured by these mutual funds, when taken together, was not up to the mark. If taken separately, some of the mutual funds did quite well when the returns earned by them was above 40 percent, but the risk associated with

these returns were very high, directing to the fact that the selection skills have not been the guiding factor in the portfolio performance and market factors have remained more important.

This research also incorporates the timing test of portfolio managers when it talks about investing at year end of 2006 to reap the positive movements in year 2007. Despite of the fact that the securities were not doing good in year 2006, the year end was the perfect time to invest in certain securities so as to benefit from the positive movements in year 2007. According to the results, timing skills were not very well demonstrated by the portfolio managers. Once again, the mutual funds were not earning a good return when taken collectively, but individually, some of the managers were able to time their investments and capture some of the returns that market has to offer to the investors. But to draw an overall conclusion, timing skills has helped portfolio managers little in outperforming the market and there are other factors that have contributed to the returns that portfolio managers have earned over the period of year 2007 and this opens a new area of research.

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APPENDIX

	2006		2007 (1st half)		2007 (2nd half)	
	Annualized AM	Annualized SD	Annualized AM	Annualized SD	Annualized AM	Annualized SD
1. Paper and Board						
Abson Industries	92.3392%	116.8866%	894.6195%	155.9106%	115940.3053%	564.7780%
Baluchistan Practicle Board	93.7406%	140.8037%	10808.0429%	299.2765%	324.3444%	132.1304%
Century Paper & Board mills	-78.2398%	91.4704%	224.1370%	43.5369%	235.6880%	130.8092%
Packages Ltd.	2.0474%	28.3867%	211.9569%	33.3005%	224.8508%	142.9966%
2. Modarba						
IBL Modarba Ist	-27.8732%	61.3615%	80.0900%	72.9164%	492.4764%	85.4721%
Mehran Modarba Ist	-13.6922%	121.1403%	1444.3771%	198.0153%	765.9618%	133.5234%
Pak Modarba Ist	40.2728%	114.4971%	114.8558%	104.8643%	559.4895%	109.0592%
Prudential modarba Ist	-20.9681%	88.8267%	56.8807%	90.0185%	242.7304%	122.2518%
Tri-Star Modarba Ist	56.4803%	164.2247%	3815.6969%	223.6536%	1185.9057%	269.4620%
Unity Modarba	262.2537%	203.9811%	20.6041%	101.6240%	7409.2438%	235.5922%
3. Textile Spinning						
Al Azhar textile	36.7694%	108.3250%	-12.9293%	52.0353%	163.3765%	68.4936%
Ali Asghar Textile	-10.0585%	114.2693%	39.8696%	87.4403%	106.1723%	121.9998%
Azam textile	-1.3767%	132.2906%	259.4529%	155.9646%	644.6583%	158.3598%
Babri Co.	-62.0561%	54.4478%	92.5398%	49.9737%	127.4675%	33.6016%
Baig Spinning	-61.5380%	39.2587%	-15.5472%	140.0739%	392.8107%	126.4858%
Bilal fibre	-1.4410%	110.8911%	281.3584%	157.5814%	392.8107%	126.4858%
Brother textile	-25.6606%	91.5046%	10.7946%	120.8298%	808.0627%	181.5889%
Data textile	30.2189%	161.8306%	241.6544%	116.0342%	319.5488%	169.5220%
Elahi cotton	-65.8000%	40.2079%	1.1806%	159.6859%	200.9314%	162.9418%
Fatima Enterprises	-20.9685%	18.7208%	-55.9962%	48.7222%	91.6383%	32.4786%
Fazal textile	-24.8199%	29.8316%	910.1312%	45.5966%	124.4313%	38.5152%
Gulistan textile	-18.7457%	34.2715%	45.5918%	34.1147%	59.3324%	33.7558%
Hajra textile	0.3281%	131.6457%	312.9494%	146.5827%	312.0936%	125.6136%
Hala spinning	-35.3617%	42.3702%	0.0000%	0.0000%	695.7268%	144.3137%
4. Sugar and Allied						
Al Asif	6.6783%	100.7921%	80.1210%	112.4292%	64.4196%	91.7490%
Crescent	-42.4586%	55.2034%	100.4810%	60.4108%	26.6550%	56.8319%
Habib	-2.0297%	45.0529%	-22.2850%	50.6210%	156.8022%	41.8045%
Khairpur	11.9261%	52.0806%	26.0902%	78.8309%	217515.6740%	683.9028%

	2006		2007 (1st half)		2007 (2nd half)	
	Annualized AM	Annualized SD	Annualized AM	Annualized SD	Annualized AM	Annualized SD
Mirza	57.8378%	107.5960%	8.9010%	75.4140%	580.9754%	125.7926%
Pangrio	195.4950%	120.9583%	38.8274%	102.4170%	3943.2205%	105.5848%
Sakrand	16.0639%	105.6643%	32.6731%	81.2034%	1318.4551%	294.7633%
Sind	-37.1371%	46.9176%	49.9902%	65.3084%	57.6414%	24.2623%
5. Food and Personal Care						
Clover	0.2758%	44.2869%	-27.4759%	32.7395%	125.0242%	51.3319%
Gilliete	-22.8493%	52.3335%	-1.6677%	42.7217%	78.6430%	50.0589%
National foods	0.1537%	33.2370%	255.7757%	38.5106%	416.3123%	53.9799%
Noon pakistan rc	-17.1805%	17.7147%	24.7600%	24.5364%	133.4086%	41.0365%
Pakistan diaries	0.0000%	0.0000%	-15.2733%	21.7928%	173.2123%	128.4618%
6. Engineering						
Haufeez seamless	-24.1882%	50.4866%	193.7498%	39.0915%	35.4775%	47.7722%
Quality steel	0.0487%	30.8182%	-81.9178%	36.4017%	66.4070%	65.6670%
7. Fertilizers						
Fauji fertilzer Co Ltd	-22.3432%	26.7059%	101.1856%	29.2158%	23.5249%	33.1432%
8. Textile Weaving						
Saleem Denim	270.6301%	105.5898%	-55.0040%	100.1683%	695.7268%	144.3137%
10. textile Composite						
International Knitwear Ltd	77.7089%	109.6141%	73.2810%	60.9730%	266.9037%	69.9308%
Redco Textiles Ltd	177.5440%	177.4396%	494.7929%	181.7616%	244.1918%	156.8617%
11. Power Generation						
Kohinoor Power	-39.9602%	80.2538%	77.7051%	73.9005%	267.8117%	102.3237%
12. Refinery						
Attock Refinery Limited	-58.2628%	45.5833%	115.4204%	40.4859%	481.8719%	56.4930%
Bosicor Pakistan	-31.1578%	45.4723%	48.4470%	42.9495%	62.1291%	44.6734%
Pakistan Refinery Limited	-39.3998%	38.9374%	12.8739%	33.6416%	36.7285%	36.5813%
13. Synthetic and Rayon						
Kashmir Polytex Limited	15.8863%	145.1285%	244.7204%	138.2990%	2941.3498%	208.2878%
14. Technology and Communication						
Callmate	24.1826%	59.8659%	43.4702%	-	57.0537%	-
Eye TV	7.0507%	50.0948%	55.1733%	-	54.5901%	-
Pak datacom	-15.1993%	39.3912%	32.2882%	-	41.6369%	-

	2006		2007 (1st half)		2007 (2nd half)	
	Annualized AM	Annualized SD	Annualized AM	Annualized SD	Annualized AM	Annualized SD
Southern Network	-36.5572%	60.9665%	100.2621%	-	88.7747%	-
Worldcall telecom	20.0184%	53.1702%	37.9586%	-	40.9088%	-
TRG	-31.2513%	36.0208%	51.6682%	-	56.4423%	-
15. Oil and Gas Exploration						
Mari Gas	-19.6026%	43.1568%	115.89%	30.73%	182.20%	51.06%
16. Automobile Assembler						
Atlas Honda Ltd	-36.3185%	38.9401%	124.0095%	41.8242%	86.0118%	37.8766%
Ghandhara Industries Ltd	-2.3014%	88.4604%	-40.9213%	45.3408%	232.4837%	43.1794%
Ghandhara Nissan Ltd	-22.7038%	49.0140%	40.9949%	42.0208%	210.7779%	44.9815%
Ghani Automobile Industries (Gha	-35.4052%	51.6962%	-11.9215%	65.4825%	57.0473%	60.7390%
Hino Pak Motors Ltd	-0.7864%	43.9005%	198.7267%	33.3619%	527.4309%	40.3782%
Indus Motor Co Ltd	18.1437%	32.5913%	15.9200%	33.7023%	159.4582%	29.8675%
Millat Tractors Ltd	-1.9745%	33.3017%	-32.3986%	25.3400%	50.1265%	21.9232%
Saif Nadeem Kawasaki Motors Ltd	-31.0089%	106.8980%	15.1082%	98.0058%	542.2898%	165.8150%
17. Auto Parts						
Agriautos Industries Ltd	32.1929%	38.0957%	31.0983%	40.8295%	85.4247%	39.7202%
Atlas Battery Ltd	1.3932%	37.8884%	0.0864%	51.2893%	474.9317%	34.2716%
Automative Battery Co Ltd	-13.4317%	19.4431%	92.0389%	39.0962%	244.6350%	26.4221%
Bela Automotives Ltd	56.1089%	99.5932%	126.7541%	74.5448%	59.7256%	92.8356%
Exide Pakistan Ltd	32.5368%	29.1659%	26.8279%	52.4581%	346.9352%	30.5101%
General Tyre & Rubber Co of Pak	-36.5148%	33.0234%	12.6853%	41.4947%	67.4149%	31.6503%
Transmission Eng Ind Ltd	-51.1008%	76.5398%	182.2403%	82.1468%	534.0778%	132.5072%
18. Cable and Electrical Goods						
Climax Engineering Co Ltd	68.7972%	53.8526%	3817.6140%	418.2417%	702.6385%	41.2845%
Johnson & Phillips (Pak) Ltd	-27.0466%	64.1890%	967.3341%	139.9033%	249.1696%	58.4675%
Siemens (Pakistan) Eng Co Ltd	34.2442%	32.4495%	86.2492%	130.0867%	179.0715%	43.3510%
Singer Pak	-57.7862%	40.0090%	209.1983%	84.9120%	153.4222%	51.2262%
19. Cement						
Attock Cement Pakistan Ltd	-13.1668%	45.5867%	-29.7455%	38.6832%	258.4427%	33.9769%
Bestway Cement Ltd	-21.4906%	28.9369%	-56.6991%	37.5907%	159.7423%	35.4482%
Cherat Cement Co Ltd	-51.7402%	39.6772%	-48.9197%	35.5511%	96.3329%	36.3055%
D.G. Khan Cement Co Ltd	-35.7178%	50.1427%	-30.0129%	38.6474%	261.0614%	34.8903%

	2006		**2007 (1st half)**		**2007 (2nd half)**	
	Annualized AM	Annualized SD	Annualized AM	Annualized SD	Annualized AM	Annualized SD
Dadabhoy Cement Ind Ltd	-50.3151%	63.8999%	-51.4484%	48.0775%	270.2974%	73.9582%
Dewan Cement Ltd	-35.4557%	55.9553%	4.6905%	56.2066%	209.0914%	55.1205%
Gharibwal Cement Ltd	-0.0004%	51.5884%	-8.0227%	52.2833%	235.7626%	48.7908%
Kohat Cement Co Ltd	-0.0015%	46.1213%	-3.2779%	43.0980%	243.1412%	43.6673%
Pakistan Slag Cement Ltd	-0.0008%	69.7774%	-4.2523%	66.9996%	207.1039%	108.6833%
Pioneer Cement Ltd	-0.0014%	44.1681%	-19.0630%	52.9940%	249.7478%	43.7221%
20. Chemicals						
BOC (PAK) Ltd	-19.8919%	24.1273%	170.8123%	41.1784%	37.6704%	22.9323%
Buxly Paints Ltd	-7.8478%	29.3601%	42.2590%	48.9856%	60.9527%	54.7505%
ICI Pak Ltd	-14.4428%	36.7797%	51.7129%	39.6643%	120.3510%	26.7298%
Nimr Ind Chemicals (Ravi Alkalis)	-43.3306%	63.4153%	35.2226%	84.9397%	128.8418%	68.3552%
Sardar Chemicals Ind Ltd	-18.8072%	104.1658%	207.9860%	105.0672%	140.7968%	120.4438%
21. Commercial Banks						
Habib Metropolitan Bank Ltd	-29.4555%	44.7042%	-12.1172%	28.8706%	55.7195%	63.4123%
Muslim Commercial Bank	64.2042%	47.2478%	30.6742%	39.4592%	134.8317%	32.8692%
Meezan Bank Ltd	-10.1057%	47.3921%	55.5169%	33.8080%	181.7204%	31.0505%

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Packages Ltd.	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
IBL Modarba Ist	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Mehran Modarba Ist	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Pak Modarba Ist	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Prudential modarba Ist	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Tri-Star Modarba Ist	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Unity Modarba	1	1	1	1	1	1	1	-0.00827	-0.00605	-0.03831	-0.00197	-0.01208	-0.0224	-0.0316	-0.03623	-0.03623	-0.02943	-0.01587	-0.01317	-0.04572	-0.03424	-0.12411	-0.02444
Al Azhar textile	-0.00827	-0.00827	-0.00827	-0.00827	-0.00827	-0.00827	-0.00827	1	-0.0007	0.051031	0.002946	0.046507	-0.08834	-0.0824	0.058091	0.058091	-0.11704	0.044116	-0.00012	-0.00261	-0.00133	-0.14271	-0.05742
Ali Asghar Textile	-0.00605	-0.00605	-0.00605	-0.00605	-0.00605	-0.00605	-0.00605	-0.0007	1	0.026511	8.88E-05	-0.09085	-0.00039	0.021416	-0.03342	-0.03342	-0.00762	-0.12202	0.139776	-0.04026	-0.02526	0.047647	-0.0933
Azam textile	-0.03831	-0.03831	-0.03831	-0.03831	-0.03831	-0.03831	-0.03831	0.051031	0.026511	1	-0.075	-0.00353	-4.4E-05	0.034095	-0.06063	-0.06063	-0.0035	-0.06617	-0.03	-0.02246	0.058139	-0.00308	-0.02658
Crescent	-0.00197	-0.00197	-0.00197	-0.00197	-0.00197	-0.00197	-0.00197	0.002946	8.88E-05	-0.075	1	-0.08005	-0.03954	0.015426	0.053038	0.053038	0.099682	-0.04294	0.00298	0.186399	-0.12822	-0.00851	0.126771
Sind	-0.01208	-0.01208	-0.01208	-0.01208	-0.01208	-0.01208	-0.01208	0.046507	-0.09085	-0.00353	-0.08005	1	-0.23792	0.010283	-0.03312	-0.03312	-0.00183	-0.05254	-0.0335	0.027652	-0.05381	0.047018	-0.0556
Noon pakistan rc	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.08834	-0.00039	-4.4E-05	-0.03954	-0.23792	1	0.005273	-0.04755	-0.04755	0.043512	-0.00147	-0.00783	0.024405	-0.00396	-0.02565	0.147535
Saleem Denim	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.00824	0.021416	0.034095	0.015426	0.010283	0.005273	1	-0.00059	-0.00059	-0.06822	-0.01151	-0.02695	-0.02447	-0.12218	-0.02568	-0.04779
Eye TV	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	0.058091	-0.03342	-0.06063	0.053038	-0.03312	-0.04755	-0.00059	1	1	0.074392	-0.04972	-0.04963	-0.09508	0.121311	-0.0297	0.033675
Pak datacom	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	-0.03623	0.058091	-0.03342	-0.06063	0.053038	-0.03312	-0.04755	-0.00059	1	1	0.074392	-0.04972	-0.04963	-0.09508	0.121311	-0.0297	0.033675
Worldcall telecom	-0.02943	-0.02943	-0.02943	-0.02943	-0.02943	-0.02943	-0.02943	-0.11704	-0.00762	-0.0035	0.099682	-0.00183	0.043512	-0.06822	0.074392	0.074392	1	0.003644	-0.01482	0.022657	0.060894	-0.00278	0.346963
Saif Nadeem Kawasaki Moto	-0.01587	-0.01587	-0.01587	-0.01587	-0.01587	-0.01587	-0.01587	0.044116	-0.12202	-0.06617	-0.04294	-0.05254	-0.00147	-0.01151	-0.04972	-0.04972	0.003644	1	0.031383	-0.08343	0.025511	-0.03508	-0.04342
Atlas Battery Ltd	-0.01317	-0.01317	-0.01317	-0.01317	-0.01317	-0.01317	-0.01317	-0.00012	0.139776	-0.03	0.00298	-0.0335	-0.00783	-0.02695	-0.04963	-0.04963	-0.01482	0.031383	1	0.070253	-0.03453	0.131697	-0.03815
Exide Pakistan Ltd	-0.04572	-0.04572	-0.04572	-0.04572	-0.04572	-0.04572	-0.04572	-0.00261	-0.04026	-0.02246	0.186399	0.027652	0.024405	-0.02447	-0.09508	-0.09508	0.022657	-0.08343	0.070253	1	-0.06686	0.042379	0.130323
Transmission Eng Ind Ltd	-0.03424	-0.03424	-0.03424	-0.03424	-0.03424	-0.03424	-0.03424	-0.00133	-0.02526	0.058139	-0.12822	-0.05381	-0.00396	-0.12218	0.121311	0.121311	0.060894	0.025511	-0.03453	-0.06686	1	-0.07665	0.052288
Siemens (Pakistan) Eng Co Lt	-0.12411	-0.12411	-0.12411	-0.12411	-0.12411	-0.12411	-0.12411	-0.14271	0.047647	-0.00308	-0.00851	0.047018	-0.02565	-0.02568	-0.0297	-0.0297	-0.00278	-0.03508	0.131697	0.042379	-0.07665	1	-0.03662
Gharibwal Cement Ltd	-0.02444	-0.02444	-0.02444	-0.02444	-0.02444	-0.02444	-0.02444	-0.05742	-0.0933	-0.02658	0.126771	-0.0556	0.147535	-0.04779	0.033675	0.033675	0.346963	-0.04342	-0.03815	0.130323	0.052288	-0.03662	1

xxxxxxxxxxxxxx	Red
xxxxxxxxxxxxxx	Green

Year 2006

Packages

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-1.54896	0.042943	-36.0699	5.32E-98	-1.63356	-1.46436	-1.63356	-1.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

IBL Modarba Ist
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficient	Standard Er	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0	Upper 95.0%
Intercept	-2.54896	0.042943	-59.3564	7.4E-144	-2.63356	-2.46436	-2.63356	-2.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Mehran Modarba Ist
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-3.54896	0.042943	-82.6429	3.3E-176	-3.63356	-3.46436	-3.63356	-3.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Pak Modarba Ist
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-4.54896	0.042943	-105.929	5.7E-201	-4.63356	-4.46436	-4.63356	-4.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Prudential modarba Ist
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.54896	0.042943	-129.216	5.4E-221	-5.63356	-5.46436	-5.63356	-5.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Tri-Star Modarba Ist

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-6.54896	0.042943	-152.503	8.9E-238	-6.63356	-6.46436	-6.63356	-6.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Unity Modarba

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050138
R Square	0.002514
Adjusted R Square	-0.00171
Standard Error	0.662451

	Observations	238				

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.261008	0.261008	0.594766	0.441353
Residual	236	103.5664	0.438841		
Total	237	103.8274			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-7.54896	0.042943	-175.789	3.3E-252	-7.63356	-7.46436	-7.63356	-7.46436
KSE HPY	-1.84294	2.389671	-0.77121	0.441353	-6.55075	2.864872	-6.55075	2.864872

Al Azhar textile
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.08005
R Square	0.006408
Adjusted R Square	0.002198
Standard Error	0.068163
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.007072	0.007072	1.522023	0.218541
Residual	236	1.096511	0.004646		
Total	237	1.103583			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.001308	0.004419	0.295979	0.767506	-0.0074	0.010013	-0.0074	0.010013
KSE HPY	-0.30335	0.245887	-1.2337	0.218541	-0.78776	0.181062	-0.78776	0.181062

Ali Asghar Textile

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.046443
R Square	0.002157
Adjusted R Square	-0.00207
Standard Error	0.072057
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.002649	0.002649	0.510134	0.475787
Residual	236	1.225375	0.005192		
Total	237	1.228024			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00038	0.004671	-0.08159	0.935042	-0.00958	0.008821	-0.00958	0.008821
KSE HPY	-0.18565	0.259934	-0.71424	0.475787	-0.69774	0.326433	-0.69774	0.326433

Azam textile

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.023215
R Square	0.000539
Adjusted R Square	-0.0037
Standard Error	0.083489
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.000887	0.000887	0.127255	0.721614

Residual		236	1.645023	0.00697				
Total		237	1.64591					

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-7.8E-05	0.005412	-0.01438	0.988535	-0.01074	0.010584	-0.01074	0.010584
KSE HPY	0.107437	0.301172	0.356728	0.721614	-0.48589	0.700765	-0.48589	0.700765

Crescent

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.140462
R Square	0.01973
Adjusted R Square	0.015576
Standard Error	0.034503
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.005655	0.005655	4.749912	0.030289
Residual	236	0.280947	0.00119		
Total	237	0.286602			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00225	0.002237	-1.00525	0.315808	-0.00665	0.002158	-0.00665	0.002158
KSE HPY	0.271259	0.124463	2.179429	0.030289	0.026058	0.51646	0.026058	0.51646

Sind

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.00528

R Square	2.79E-05	
Adjusted R Square	-0.00421	
Standard Error	0.029617	
Observations	238	

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	5.77E-06	5.77E-06	0.006581	0.935415
Residual	236	0.207017	0.000877		
Total	237	0.207023			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00184	0.00192	-0.95762	0.339234	-0.00562	0.001944	-0.00562	0.001944
KSE HPY	-0.00867	0.10684	-0.08112	0.935415	-0.21915	0.201814	-0.21915	0.201814

Noon pakistan rc
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.076451
R Square	0.005845
Adjusted R Square	0.001632
Standard Error	0.01115
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.000172	0.000172	1.387482	0.240017
Residual	236	0.029341	0.000124		
Total	237	0.029513			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00076	0.000723	-1.04847	0.295494	-0.00218	0.000666	-0.00218	0.000666

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
KSE HPY	0.047378	0.040222	1.177914	0.240017	-0.03186	0.126618	-0.03186	0.126618

Saleem Denim

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.008159
R Square	6.66E-05
Adjusted R Square	-0.00417
Standard Error	0.066654
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	6.98E-05	6.98E-05	0.015713	0.900352
Residual	236	1.048486	0.004443		
Total	237	1.048556			

	Coefficients	andard Erro	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.005206	0.004321	1.204786	0.229493	-0.00331	0.013718	-0.00331	0.013718
KSE HPY	0.03014	0.240442	0.125351	0.900352	-0.44355	0.503826	-0.44355	0.503826

Eye TV

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.084085
R Square	0.00707
Adjusted R Square	0.002863
Standard Error	0.031495
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.001667	0.001667	1.680462	0.196129
Residual	236	0.234091	0.000992		
Total	237	0.235758			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.000124	0.002042	0.060928	0.951468	-0.0039	0.004147	-0.0039	0.004147
KSE HPY	0.147277	0.113611	1.296326	0.196129	-0.07654	0.371099	-0.07654	0.371099

Pak datacom

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.084085
R Square	0.00707
Adjusted R Square	0.002863
Standard Error	0.031495
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.001667	0.001667	1.680462	0.196129
Residual	236	0.234091	0.000992		
Total	237	0.235758			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.99988	0.002042	-489.742	0	-1.0039	-0.99585	-1.0039	-0.99585
KSE HPY	0.147277	0.113611	1.296326	0.196129	-0.07654	0.371099	-0.07654	0.371099

Worldcall telecom

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.440719
R Square	0.194233
Adjusted R Square	0.190819
Standard Error	0.030072
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.051447	0.051447	56.88882	9.91E-13
Residual	236	0.213423	0.000904		
Total	237	0.26487			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.000506	0.001949	0.259438	0.795523	-0.00333	0.004346	-0.00333	0.004346
KSE HPY	0.818206	0.10848	7.542468	9.91E-13	0.604493	1.031919	0.604493	1.031919

Saif Nadeem Kawasaki Motors Ltd
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.060774
R Square	0.003694
Adjusted R Square	-0.00053
Standard Error	0.067357
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.003969	0.003969	0.874904	0.350557
Residual	236	1.07073	0.004537		
Total	237	1.074699			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.00142	0.004366	-0.32603	0.744692	-0.01003	0.007179	-0.01003	0.007179
KSE HPY	-0.22727	0.242979	-0.93536	0.350557	-0.70596	0.251411	-0.70596	0.251411

Atlas Battery Ltd

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.364547
R Square	0.132895
Adjusted R Square	0.12922
Standard Error	0.022394
Observations	238

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.018139	0.018139	36.16993	6.83E-09
Residual	236	0.118351	0.000501		
Total	237	0.13649			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	0.001005	0.001452	0.692178	0.489506	-0.00186	0.003865	-0.00186	0.003865
KSE HPY	0.485835	0.080782	6.014144	6.83E-09	0.326689	0.64498	0.326689	0.64498

Exide Pakistan Ltd

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.109132
R Square	0.01191
Adjusted R Square	0.007723

Standard Error	0.018302				
Observations	238				

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.000953	0.000953	2.844589	0.093003
Residual	236	0.079049	0.000335		
Total	237	0.080002			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.001095	0.001186	0.922759	0.357075	-0.00124	0.003432	-0.00124	0.003432
KSE HPY	0.111349	0.06602	1.686591	0.093003	-0.01872	0.241413	-0.01872	0.241413

Transmission Eng Ind Ltd
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.066345
R Square	0.004402
Adjusted R Square	0.000183
Standard Error	0.048211
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.002425	0.002425	1.043392	0.30808
Residual	236	0.548538	0.002324		
Total	237	0.550963			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00287	0.003125	-0.91917	0.358945	-0.00903	0.003284	-0.00903	0.003284
KSE HPY	0.177646	0.173913	1.021466	0.30808	-0.16497	0.520266	-0.16497	0.520266

Siemens (Pakistan) Eng Co Ltd

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.102855
R Square	0.010579
Adjusted R Square	0.006387
Standard Error	0.020376
Observations	238

ANOVA

	df	SS	MS	F	ignificance F
Regression	1	0.001048	0.001048	2.523354	0.113511
Residual	236	0.097982	0.000415		
Total	237	0.09903			

	Coefficients	andard Erro	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	0.001144	0.001321	0.866454	0.387121	-0.00146	0.003747	-0.00146	0.003747
KSE HPY	0.116759	0.073502	1.588507	0.113511	-0.02805	0.261564	-0.02805	0.261564

Gharibwal Cement Ltd

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.553425
R Square	0.306279
Adjusted R Square	0.30334
Standard Error	0.027125
Observations	238

ANOVA

	df	SS	MS	F	ignificance F

Regression	1	0.07666	0.07666	104.1946	1.69E-20
Residual	236	0.173635	0.000736		
Total	237	0.250295			

	Coefficients	andard Err	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	Jpper 95.0%
Intercept	-0.00127	0.001758	-0.72331	0.470207	-0.00474	0.002192	-0.00474	0.002192
KSE HPY	0.998779	0.097847	10.20757	1.69E-20	0.806014	1.191544	0.806014	1.191544

	Abson Industries	Baluchistan Practicle Board	Century Paper & Board mills	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist
Dec-28	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Dec-27	0.000%	-6.977%	-106.977%	-206.977%	-306.977%	-406.977%	-506.977%	-606.977%
Dec-26	0.000%	-8.511%	-108.511%	-208.511%	-308.511%	-408.511%	-508.511%	-608.511%
Dec-22	0.000%	17.500%	-82.500%	-182.500%	-282.500%	-382.500%	-482.500%	-582.500%
Dec-21	0.000%	-14.894%	-114.894%	-214.894%	-314.894%	-414.894%	-514.894%	-614.894%
Dec-20	0.000%	-2.083%	-102.083%	-202.083%	-302.083%	-402.083%	-502.083%	-602.083%
Dec-19	0.000%	11.628%	-88.372%	-188.372%	-288.372%	-388.372%	-488.372%	-588.372%
Dec-18	0.000%	-6.522%	-106.522%	-206.522%	-306.522%	-406.522%	-506.522%	-606.522%
Dec-15	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Dec-14	0.000%	21.053%	-78.947%	-178.947%	-278.947%	-378.947%	-478.947%	-578.947%
Dec-13	0.000%	-5.000%	-105.000%	-205.000%	-305.000%	-405.000%	-505.000%	-605.000%
Dec-12	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Dec-11	0.000%	14.286%	-85.714%	-185.714%	-285.714%	-385.714%	-485.714%	-585.714%
Dec-08	0.000%	-10.256%	-110.256%	-210.256%	-310.256%	-410.256%	-510.256%	-610.256%
Dec-07	0.000%	30.000%	-70.000%	-170.000%	-270.000%	-370.000%	-470.000%	-570.000%
Dec-06	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Dec-05	0.000%	-9.091%	-109.091%	-209.091%	-309.091%	-409.091%	-509.091%	-609.091%
Dec-04	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Dec-01	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-30	0.000%	3.125%	-96.875%	-196.875%	-296.875%	-396.875%	-496.875%	-596.875%
Nov-29	0.000%	3.226%	-96.774%	-196.774%	-296.774%	-396.774%	-496.774%	-596.774%
Nov-28	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-27	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-24	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-23	0.000%	-3.125%	-103.125%	-203.125%	-303.125%	-403.125%	-503.125%	-603.125%
Nov-22	0.000%	6.667%	-93.333%	-193.333%	-293.333%	-393.333%	-493.333%	-593.333%
Nov-21	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-20	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-17	0.000%	-28.571%	-128.571%	-228.571%	-328.571%	-428.571%	-528.571%	-628.571%
Nov-16	0.000%	16.667%	-83.333%	-183.333%	-283.333%	-383.333%	-483.333%	-583.333%
Nov-15	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-14	0.000%	50.000%	-50.000%	-150.000%	-250.000%	-350.000%	-450.000%	-550.000%
Nov-13	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-10	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-08	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-07	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-06	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-02	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Nov-01	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-31	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%

Oct-30	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-19	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-18	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-17	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-16	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-13	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-12	0.000%	-40.000%	-140.000%	-240.000%	-340.000%	-440.000%	-540.000%	-640.000%
Oct-11	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-10	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-09	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-06	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-05	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-04	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-03	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Oct-02	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-29	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-28	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-27	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-26	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-25	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-22	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-21	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-20	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-19	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-18	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-15	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-14	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-13	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-12	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-11	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-08	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-07	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-06	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-05	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-04	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Sep-01	0.000%	-16.667%	-116.667%	-216.667%	-316.667%	-416.667%	-516.667%	-616.667%
31-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
30-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
29-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
28-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
25-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
24-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
23-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
22-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
21-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
18-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
17-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%

16-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
15-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
11-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
10-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
9-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
8-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
7-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
4-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
3-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
2-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
1-Aug	0.000%	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%
Jul-31	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-28	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-27	-40.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-26	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-25	9.375%	-4.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-24	0.000%	47.059%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-21	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-20	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-19	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-18	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-17	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-14	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-13	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-12	0.000%	-10.526%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-11	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-10	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-07	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-06	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-05	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-04	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jul-03	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jun-30	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Jun-29	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-28	0.000%	-5.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-27	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-26	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-23	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-22	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-21	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-20	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-19	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-16	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-15	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-14	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-13	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-12	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%

Jun-09	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-08	0.000%	-13.043%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-07	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-06	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-05	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-02	0.000%	0.000%	0.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jun-01	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-31	0.000%	-4.167%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-30	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-29	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-26	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-25	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-24	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-23	6.667%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-22	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-19	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-18	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-17	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-16	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-15	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-12	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-11	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-10	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-09	0.000%	-4.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-08	0.000%	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-05	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-04	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-03	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
May-02	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-28	0.000%	0.000%	-104.167%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-27	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-26	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-25	0.000%	6.383%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-24	0.000%	-9.615%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-21	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-20	0.000%	4.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-19	0.000%	-10.714%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-18	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-17	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-14	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-13	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-10	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-07	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-06	0.000%	-9.677%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-05	0.000%	19.231%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-04	0.000%	0.000%	-104.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%
Apr-03	0.000%	0.000%	-100.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%

Mar-31	0.000%	-10.345%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-30	0.000%	-3.333%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-29	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-28	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-27	0.000%	0.000%	-100.000%	-204.167%	-304.167%	-404.167%	-504.167%	-604.167%
Mar-24	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-22	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-21	0.000%	0.000%	-93.617%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-20	0.000%	0.000%	-109.615%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-17	0.000%	46.341%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-16	0.000%	0.000%	-96.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-15	0.000%	-21.154%	-110.714%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-14	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-13	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-10	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-09	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-08	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-07	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-06	0.000%	-5.455%	-109.677%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-03	0.000%	0.000%	-80.769%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Mar-02	0.000%	1.852%	-100.000%	-204.000%	-304.000%	-404.000%	-504.000%	-604.000%
Mar-01	0.000%	17.391%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-28	0.000%	-8.000%	-110.345%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-27	20.000%	-16.667%	-103.333%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-24	-41.860%	-4.762%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-23	0.000%	-10.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-22	0.000%	-5.405%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-21	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-20	0.000%	5.714%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-17	0.000%	0.000%	-100.000%	-193.617%	-293.617%	-393.617%	-493.617%	-593.617%
Feb-16	0.000%	0.000%	-100.000%	-209.615%	-309.615%	-409.615%	-509.615%	-609.615%
Feb-15	0.000%	-12.500%	-53.659%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-14	0.000%	0.000%	-100.000%	-196.000%	-296.000%	-396.000%	-496.000%	-596.000%
Feb-13	0.000%	0.000%	-121.154%	-210.714%	-310.714%	-410.714%	-510.714%	-610.714%
Feb-10	0.000%	-3.614%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-07	0.000%	-5.682%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-06	0.000%	23.944%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-03	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-02	0.000%	24.561%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Feb-01	0.000%	-5.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-31	0.000%	22.449%	-105.455%	-209.677%	-309.677%	-409.677%	-509.677%	-609.677%
Jan-30	0.000%	2.083%	-100.000%	-180.769%	-280.769%	-380.769%	-480.769%	-580.769%
Jan-27	86.957%	0.000%	-98.148%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-26	0.000%	0.000%	-82.609%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-25	0.000%	0.000%	-108.000%	-210.345%	-310.345%	-410.345%	-510.345%	-610.345%
Jan-24	0.000%	0.000%	-116.667%	-203.333%	-303.333%	-403.333%	-503.333%	-603.333%
Jan-23	0.000%	0.000%	-104.762%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%

Jan-20	0.000%	-2.041%	-110.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-19	0.000%	0.000%	-105.405%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-18	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-17	0.000%	0.000%	-94.286%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-16	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-09	0.000%	0.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-06	0.000%	0.000%	-112.500%	-153.659%	-253.659%	-353.659%	-453.659%	-553.659%
Jan-05	15.000%	-2.000%	-100.000%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-04	0.000%	0.000%	-100.000%	-221.154%	-321.154%	-421.154%	-521.154%	-621.154%
Jan-03	0.000%	0.000%	-103.614%	-200.000%	-300.000%	-400.000%	-500.000%	-600.000%
Jan-02								

Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Babri Co.	Baig Spinning	Bilal fibre	Brother textile
-700.000%	-800.000%	0.000%	0.000%	-8.000%	0.000%	0.000%	0.000%	0.000%
-706.977%	-806.977%	0.000%	-6.522%	0.000%	0.000%	0.000%	0.000%	-13.793%
-708.511%	-808.511%	0.000%	0.000%	0.000%	-4.382%	0.000%	-14.754%	0.000%
-682.500%	-782.500%	0.000%	-8.000%	0.000%	0.000%	0.000%	-17.568%	0.000%
-714.894%	-814.894%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.333%	0.000%
-702.083%	-802.083%	0.000%	0.000%	0.000%	0.000%	0.000%	33.929%	16.000%
-688.372%	-788.372%	0.000%	0.000%	-3.846%	0.000%	0.000%	0.000%	0.000%
-706.522%	-806.522%	0.000%	0.000%	0.000%	0.400%	0.000%	0.000%	-3.846%
-700.000%	-800.000%	0.000%	-12.281%	0.000%	2.459%	0.000%	0.000%	0.000%
-678.947%	-778.947%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-705.000%	-805.000%	0.000%	0.000%	0.000%	-0.408%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-35.013%	0.000%	0.000%	0.000%
-685.714%	-785.714%	0.000%	0.000%	0.000%	4.722%	0.000%	0.000%	0.000%
-710.256%	-810.256%	0.000%	-1.724%	4.000%	5.882%	0.000%	0.000%	-13.333%
-670.000%	-770.000%	-4.348%	3.571%	0.000%	0.000%	0.000%	9.804%	25.000%
-700.000%	-800.000%	4.545%	0.000%	0.000%	0.000%	0.000%	4.082%	0.000%
-709.091%	-809.091%	4.762%	16.667%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	-19.231%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-696.875%	-796.875%	15.556%	9.091%	6.383%	0.000%	0.000%	0.000%	0.000%
-696.774%	-796.774%	0.000%	-2.222%	62.069%	-2.857%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	2.273%	-34.091%	-5.405%	0.000%	-5.769%	0.000%
-700.000%	-800.000%	0.000%	-4.348%	0.000%	5.413%	0.000%	0.000%	14.286%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-5.391%	0.000%	0.000%	0.000%
-703.125%	-803.125%	0.000%	0.000%	0.000%	-5.115%	0.000%	1.961%	5.000%
-693.333%	-793.333%	0.000%	-13.208%	0.000%	-4.866%	0.000%	4.082%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	2.750%	0.000%	-5.769%	0.000%
-700.000%	-800.000%	0.000%	12.766%	0.000%	-3.614%	0.000%	0.000%	0.000%
-728.571%	-828.571%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-683.333%	-783.333%	0.000%	-12.963%	0.000%	0.000%	0.000%	0.000%	-4.762%
-700.000%	-800.000%	0.000%	0.000%	0.000%	5.063%	0.000%	0.000%	-19.231%
-650.000%	-750.000%	0.000%	-10.000%	0.000%	5.333%	0.000%	0.000%	0.000%
-700.000%	-800.000%	-10.000%	20.000%	0.000%	-2.597%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	19.048%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	10.000%	0.000%	0.000%	0.000%	1.961%
-700.000%	-800.000%	0.000%	0.000%	-2.439%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	2.500%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	2.439%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	17.647%	0.000%	0.000%	0.000%	0.000%

-700.000%	-800.000%	0.000%	0.000%	-33.333%	0.000%	0.000%	0.000%	-15.000%
-700.000%	-800.000%	0.000%	-8.889%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	-3.846%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-3.704%	0.000%
-740.000%	-840.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-3.571%	1.695%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-3.266%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	9.756%	0.000%	3.109%	0.000%	1.818%	0.000%
-700.000%	-800.000%	0.000%	-8.889%	0.000%	0.260%	0.000%	-16.667%	0.000%
-700.000%	-800.000%	15.556%	0.000%	0.000%	1.316%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	-16.667%	0.000%	5.556%	0.000%	1.538%	0.000%
-700.000%	-800.000%	0.000%	-3.571%	27.500%	5.882%	0.000%	20.370%	0.000%
-700.000%	-800.000%	0.000%	0.000%	25.000%	6.250%	0.000%	-12.903%	-1.667%
-700.000%	-800.000%	0.000%	-5.085%	-25.581%	0.000%	0.000%	6.897%	0.000%
-700.000%	-800.000%	-10.000%	47.500%	0.000%	0.000%	0.000%	23.404%	20.000%
-700.000%	-800.000%	21.951%	-2.439%	0.000%	0.000%	0.000%	-18.966%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	28.889%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	-27.119%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	8.696%
-700.000%	-800.000%	1.235%	0.000%	0.000%	0.000%	0.000%	0.000%	15.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-29.825%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-5.882%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	37.209%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	-18.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	1.250%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.724%
-700.000%	-800.000%	2.564%	0.000%	0.000%	0.000%	0.000%	2.273%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	25.000%	0.000%	0.000%	0.000%	-12.000%	0.000%
-700.000%	-800.000%	8.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	-23.077%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-716.667%	-816.667%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	10.769%	0.000%	0.000%	0.000%	0.000%	21.951%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-16.327%	31.818%
-500.000%	-600.000%	0.000%	0.000%	0.000%	-2.857%	0.000%	-2.000%	4.762%
-500.000%	-600.000%	-18.750%	0.000%	0.000%	0.000%	0.000%	0.000%	-28.814%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	21.951%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-30.508%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.667%	0.000%

-500.000%	-600.000%	0.000%	0.000%	0.000%	6.061%	0.000%	0.000%	18.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	-5.714%	0.000%	0.000%	0.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-7.407%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.263%	0.000%
-500.000%	-600.000%	0.000%	1.961%	0.000%	0.000%	0.000%	-5.000%	5.882%
-500.000%	-600.000%	33.333%	0.000%	0.000%	-4.110%	0.000%	1.695%	0.000%
-500.000%	-600.000%	0.000%	2.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-500.000%	-600.000%	20.000%	0.000%	0.000%	5.491%	0.000%	0.000%	2.000%
-500.000%	-600.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-16.667%
-500.000%	-600.000%	-19.355%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	1.639%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	-16.667%	0.000%	-3.889%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	-12.857%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	-21.978%	-1.667%	0.000%
-600.000%	-700.000%	0.000%	20.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	-1.408%	0.000%	0.000%	0.000%	-17.273%	0.000%	0.000%
-600.000%	-700.000%	-20.225%	-16.667%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	27.143%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	4.878%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	20.000%	0.000%
-600.000%	-700.000%	-17.647%	0.000%	2.500%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	-3.226%	2.564%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	-29.091%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	13.333%	-1.587%	-3.509%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	-19.355%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	-1.563%	0.000%	0.000%	0.000%	-3.846%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	6.667%	21.277%	0.000%	0.000%	1.961%	3.448%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	-15.385%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	-13.333%	0.000%	0.000%
-700.000%	-800.000%	27.397%	0.000%	0.000%	0.000%	-11.765%	2.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-5.263%	-10.526%	-15.254%	-3.333%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	1.389%	0.000%	0.000%	0.000%	0.000%	-1.667%	0.000%
-700.000%	-800.000%	0.000%	-6.250%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	38.462%	0.000%	17.500%	0.000%	0.000%	0.000%	0.000%

-700.000%	-800.000%	-27.778%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	-33.333%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	18.519%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	3.846%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	-18.750%	0.000%	-4.523%	0.000%	7.143%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	6.667%	-4.762%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	-1.563%	0.000%	0.000%	-5.085%	-14.286%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	-1.538%	3.916%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	2.857%	0.000%	0.000%	0.000%	0.000%	7.273%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	10.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-18.033%	0.000%
-600.000%	-700.000%	-12.500%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	-1.515%	-4.726%	0.000%	15.094%	0.000%
-600.000%	-700.000%	14.286%	0.000%	0.000%	-3.365%	0.000%	-24.286%	0.000%
-600.000%	-700.000%	0.000%	-6.250%	0.000%	-4.805%	0.000%	7.692%	0.000%
-600.000%	-700.000%	-6.667%	0.000%	0.000%	-5.000%	0.000%	0.000%	-2.778%
-600.000%	-700.000%	-6.250%	0.000%	0.000%	-3.158%	0.000%	8.333%	-4.000%
-600.000%	-700.000%	0.000%	0.000%	-5.714%	-5.000%	0.000%	-6.250%	0.000%
-600.000%	-700.000%	0.000%	18.519%	0.000%	-0.398%	0.000%	6.667%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	-4.924%	0.000%	-9.091%	0.000%
-600.000%	-700.000%	0.000%	3.846%	0.000%	-4.865%	0.000%	3.125%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	-4.310%	0.000%	1.587%	0.000%
-600.000%	-700.000%	0.000%	-17.460%	0.000%	0.000%	0.000%	5.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-14.286%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-3.846%
-600.000%	-700.000%	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-12.500%	8.333%
-600.000%	-700.000%	0.000%	-14.286%	0.000%	0.000%	0.000%	0.000%	-4.000%
-600.000%	-700.000%	0.000%	0.000%	-12.500%	0.000%	0.000%	14.286%	0.000%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-10.256%	0.000%
-600.000%	-700.000%	-11.111%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.316%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-3.704%	0.000%
-600.000%	-700.000%	0.000%	16.667%	0.000%	-4.918%	0.000%	2.532%	4.110%
-600.000%	-700.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3.947%	0.000%
-600.000%	-700.000%	0.000%	-3.226%	0.000%	0.000%	0.000%	-5.000%	-6.410%
-600.000%	-700.000%	0.000%	0.000%	-4.762%	-4.688%	0.000%	-2.439%	2.632%
-600.000%	-700.000%	0.000%	0.000%	0.000%	-0.929%	0.000%	0.000%	-5.000%
-600.000%	-700.000%	12.500%	-11.429%	0.000%	4.870%	0.000%	0.000%	0.000%
-600.000%	-700.000%	0.000%	16.667%	-2.326%	4.762%	0.000%	-6.818%	0.000%
-600.000%	-700.000%	0.000%	0.000%	7.500%	5.000%	0.000%	18.919%	0.000%
-600.000%	-700.000%	-11.111%	0.000%	0.000%	1.083%	0.000%	-1.333%	0.000%

-700.000%	-800.000%	0.000%	0.000%	12.676%	4.924%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	-11.250%	0.000%	0.000%	0.000%	-4.762%
-700.000%	-800.000%	0.000%	0.000%	0.000%	4.762%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	-11.111%	0.000%	0.000%	0.000%	0.000%
-704.167%	-804.167%	0.000%	-14.286%	0.000%	5.000%	0.000%	0.000%	-1.176%
-700.000%	-800.000%	0.000%	16.667%	28.571%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1.351%	0.000%
-700.000%	-800.000%	0.000%	-3.226%	-12.500%	-4.000%	0.000%	4.225%	6.250%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.762%	0.000%	-11.250%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.891%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.828%	0.000%	0.000%	2.564%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.918%	0.000%	-3.614%	-12.360%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.088%	0.000%	0.000%	-1.111%
-700.000%	-800.000%	0.000%	0.000%	0.000%	4.950%	0.000%	0.000%	9.756%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	4.844%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	4.900%	-2.564%	0.000%	-2.381%
-700.000%	-800.000%	-2.174%	6.897%	-5.882%	-5.000%	0.000%	0.000%	-6.667%
-700.000%	-800.000%	0.000%	-24.675%	6.250%	-8.661%	0.000%	-3.488%	-10.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.940%	0.000%	0.000%	0.000%
-704.000%	-804.000%	2.222%	0.000%	0.000%	0.000%	-0.510%	7.500%	-8.257%
-700.000%	-800.000%	2.273%	0.000%	-3.614%	-4.979%	0.000%	-14.894%	18.478%
-700.000%	-800.000%	-6.383%	0.000%	0.000%	-5.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.075%
-700.000%	-800.000%	-10.476%	0.000%	0.000%	0.000%	0.000%	0.000%	1.087%
-700.000%	-800.000%	0.000%	2.667%	0.000%	0.000%	0.000%	0.000%	-8.911%
-700.000%	-800.000%	12.903%	10.294%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	1.493%	-9.783%	0.000%	0.000%	10.588%	1.000%
-700.000%	-800.000%	0.000%	1.515%	10.843%	0.000%	0.000%	-10.526%	0.000%
-693.617%	-793.617%	-5.102%	-4.348%	0.000%	0.000%	0.000%	0.000%	0.000%
-709.615%	-809.615%	5.376%	0.000%	3.750%	0.000%	0.000%	-3.061%	0.000%
-700.000%	-800.000%	0.000%	0.000%	-15.789%	-1.596%	0.000%	0.000%	0.000%
-696.000%	-796.000%	3.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-710.714%	-810.714%	-14.286%	-1.429%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	4.478%	5.556%	0.000%	0.000%	2.083%	0.000%
-700.000%	-800.000%	0.000%	1.515%	0.000%	0.000%	0.000%	2.128%	0.000%
-700.000%	-800.000%	0.000%	-5.714%	-14.286%	-4.810%	0.000%	-6.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	0.000%	0.000%	-4.819%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.962%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.990%
-709.677%	-809.677%	0.000%	0.000%	0.000%	0.000%	0.000%	-9.091%	1.000%
-680.769%	-780.769%	1.961%	0.000%	-9.483%	0.000%	0.000%	-3.509%	2.041%
-700.000%	-800.000%	0.000%	-1.408%	16.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	-2.857%	0.000%	0.000%	0.606%	0.000%	8.571%	0.000%
-710.345%	-810.345%	0.000%	0.000%	0.000%	0.000%	0.000%	5.000%	-4.854%
-703.333%	-803.333%	0.000%	0.000%	0.000%	0.000%	0.000%	3.093%	4.040%
-700.000%	-800.000%	0.000%	-4.054%	0.000%	0.000%	-2.000%	2.105%	10.000%

-700.000%	-800.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	2.941%	0.000%	0.000%	4.962%	0.000%	-1.042%	-1.099%
-700.000%	-800.000%	0.000%	-1.333%	0.000%	4.940%	0.000%	11.628%	-1.087%
-700.000%	-800.000%	2.000%	0.000%	0.000%	4.902%	0.000%	-6.522%	0.000%
-700.000%	-800.000%	-16.667%	-8.537%	0.000%	5.000%	0.000%	0.000%	-7.071%
-700.000%	-800.000%	0.000%	-17.172%	0.000%	0.000%	0.000%	1.099%	-1.000%
-653.659%	-753.659%	0.000%	25.316%	0.000%	1.796%	0.000%	0.000%	0.000%
-700.000%	-800.000%	7.143%	5.333%	0.000%	-4.979%	0.000%	-3.191%	0.000%
-721.154%	-821.154%	0.000%	-6.250%	0.000%	0.000%	0.000%	0.000%	0.000%
-700.000%	-800.000%	0.000%	-6.977%	-4.762%	0.000%	5.263%	0.000%	1.010%

Data textile	Elahi cotton	Fatima Enterprises	Fazal textile	Gulistan textile	Hajra textile	Hala spinning	Al Asif	Crescent
-9.091%	-16.364%	0.000%	-4.586%	0.000%	-6.977%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-5.128%
0.000%	0.000%	0.000%	-1.082%	0.000%	7.500%	0.000%	32.258%	8.333%
0.000%	0.000%	0.000%	0.000%	0.000%	-11.111%	0.000%	-8.824%	-2.703%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.538%
0.000%	0.000%	0.000%	-0.257%	0.000%	4.651%	0.000%	-2.857%	0.000%
0.000%	0.000%	-5.025%	0.000%	0.000%	-23.214%	0.000%	1.449%	-2.105%
0.000%	0.000%	-4.785%	-1.269%	0.000%	0.000%	0.000%	-13.750%	-3.061%
0.000%	-15.385%	0.000%	-2.475%	0.000%	0.000%	0.000%	-8.046%	-5.314%
0.000%	-13.333%	0.000%	-0.980%	0.000%	12.000%	0.000%	4.819%	4.020%
0.000%	0.000%	0.000%	-4.762%	0.000%	-15.254%	0.000%	5.063%	-4.785%
0.000%	0.000%	0.000%	5.000%	0.000%	-1.667%	0.000%	16.176%	-4.128%
4.762%	0.000%	0.000%	-0.971%	0.000%	0.000%	0.000%	13.333%	0.926%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.639%	0.000%
20.000%	0.000%	0.000%	-0.962%	0.000%	3.448%	0.000%	10.909%	0.000%
-18.605%	-11.765%	0.000%	-0.952%	0.000%	11.538%	0.000%	-5.172%	-1.818%
0.000%	0.000%	0.000%	-2.778%	0.000%	-10.345%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	16.000%	0.000%	-25.641%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	31.579%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-2.326%	-7.317%	0.000%	0.000%	0.000%
0.000%	-10.526%	0.000%	0.000%	0.000%	2.500%	0.000%	0.000%	0.000%
7.500%	-9.524%	-0.239%	0.000%	-0.463%	-11.111%	0.000%	0.000%	8.374%
25.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	2.632%	10.929%
-8.571%	0.000%	0.000%	0.000%	0.000%	12.500%	0.000%	0.000%	0.000%
66.667%	-8.696%	0.000%	-1.818%	0.000%	29.032%	0.000%	0.000%	1.667%
-25.000%	0.000%	0.000%	0.000%	2.857%	-38.000%	0.000%	0.000%	12.500%
-9.677%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-38.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-20.833%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	6.383%	0.000%	6.667%	0.000%
0.000%	0.000%	0.000%	-4.348%	5.000%	0.000%	0.000%	0.000%	1.911%
0.000%	0.000%	0.000%	0.000%	0.251%	0.000%	0.000%	0.000%	0.641%
0.000%	0.000%	0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	0.645%
0.000%	0.000%	0.000%	0.000%	-4.762%	0.000%	0.000%	2.273%	-6.627%
0.000%	0.000%	0.000%	0.000%	-5.000%	0.000%	0.000%	0.000%	-4.598%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-5.946%
0.000%	0.000%	0.000%	0.000%	0.000%	-6.000%	0.000%	-16.190%	-10.194%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-4.545%	-8.444%
0.000%	0.000%	0.000%	0.000%	5.000%	-27.536%	0.000%	-4.348%	2.273%
0.000%	0.000%	0.000%	0.000%	4.439%	0.000%	0.000%	-4.167%	0.000%

0.000%	0.000%	0.000%	0.000%	-4.250%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-4.762%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	15.000%	0.000%	8.108%	2.326%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-14.615%	0.467%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	8.333%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	20.000%	-8.547%
0.000%	0.000%	0.000%	0.000%	0.000%	-14.286%	0.000%	13.636%	8.837%
0.000%	0.000%	0.000%	-4.167%	0.000%	0.000%	0.000%	0.000%	-8.511%
0.000%	0.000%	0.000%	0.000%	5.000%	-14.634%	0.000%	0.000%	8.796%
0.000%	0.000%	0.000%	0.000%	5.263%	32.258%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-1.639%	5.556%	0.000%	0.000%	0.000%	1.887%
0.000%	0.000%	0.000%	0.000%	5.882%	0.000%	0.000%	0.000%	-8.225%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	8.451%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.472%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-7.826%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	-0.238%	0.000%	0.000%	0.000%	0.000%	23.944%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-2.400%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	3.030%	-6.061%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	10.000%	0.000%	0.000%	0.437%
0.000%	0.000%	0.000%	0.000%	0.000%	-6.250%	0.000%	0.000%	-0.866%
0.000%	0.000%	0.000%	0.000%	-5.714%	0.000%	0.000%	-17.442%	-7.968%
0.000%	0.000%	0.000%	-3.846%	0.000%	-7.246%	0.000%	0.000%	8.190%
0.000%	0.000%	0.000%	0.000%	2.941%	38.000%	0.000%	-4.444%	0.000%
0.000%	0.000%	0.000%	0.000%	6.250%	-10.714%	0.000%	0.000%	0.000%
8.696%	0.000%	0.000%	3.668%	-4.478%	0.000%	0.000%	0.000%	0.870%
-8.000%	0.000%	0.000%	-5.000%	0.000%	-3.448%	0.000%	12.500%	-8.000%
0.000%	0.000%	0.000%	0.000%	-4.286%	-1.695%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-4.348%	0.000%	-1.667%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-1.429%	0.000%	3.448%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	4.478%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	5.740%	7.407%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	3.438%	0.000%	0.000%	0.000%	0.000%
25.000%	0.000%	0.000%	0.000%	-5.882%	-12.903%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-3.955%	14.815%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-5.348%	-8.475%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-4.103%	0.000%	0.000%	0.000%	0.000%
-20.000%	0.000%	0.000%	0.000%	-4.878%	0.000%	0.000%	0.000%	0.000%
47.059%	9.524%	0.000%	0.000%	-4.872%	-1.667%	0.000%	0.000%	0.000%
-33.333%	0.000%	0.000%	0.000%	-4.857%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	-2.326%	0.000%	-4.832%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-0.210%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-14.286%	0.000%	0.000%	0.000%

0.000%	0.000%	0.000%	0.000%	0.000%	4.478%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	4.483%	0.000%	1.515%	0.000%	0.000%	3.734%
0.000%	0.000%	0.000%	0.000%	0.000%	3.125%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	8.475%	0.000%	0.000%	-7.308%
0.000%	0.000%	0.000%	0.000%	0.000%	18.000%	0.000%	0.000%	-3.704%
0.000%	0.000%	0.000%	-5.000%	4.835%	0.000%	0.000%	-9.091%	0.000%
2.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1.887%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	4.839%	-16.667%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	5.263%	0.000%	-14.563%	1.923%
0.000%	0.000%	0.000%	0.000%	0.000%	1.786%	0.000%	-5.505%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3.810%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-3.448%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	4.327%	0.000%	0.000%	3.960%	0.000%
0.000%	-8.696%	0.000%	0.000%	4.523%	0.000%	0.000%	-2.885%	-5.109%
0.000%	-8.000%	0.000%	0.000%	4.737%	0.000%	0.000%	23.810%	5.385%
0.000%	0.000%	0.000%	0.000%	-5.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-7.407%	0.000%	-2.174%	0.000%	7.407%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-3.226%	0.000%	0.000%	-2.200%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-1.429%	-4.884%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
4.167%	0.000%	0.000%	0.000%	0.000%	8.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	7.722%	0.000%	0.000%	0.000%	2.041%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-2.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-16.000%	-0.383%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.509%
6.667%	0.000%	0.000%	0.000%	0.000%	25.000%	0.000%	0.000%	-3.636%
0.000%	0.000%	0.000%	-3.448%	-1.149%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-4.605%	-21.569%	0.000%	0.000%	0.000%
-25.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-0.654%	0.000%	0.000%	0.000%	-1.786%
0.000%	0.000%	0.000%	0.000%	-0.217%	0.000%	0.000%	0.000%	7.692%
0.000%	0.000%	0.000%	-3.333%	1.099%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	1.386%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-0.034%	-1.087%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-1.499%	0.000%	0.000%	11.111%	3.586%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-7.037%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-10.000%	0.000%

0.000%	0.000%	0.000%	2.849%	0.000%	0.000%	0.000%	0.000%	3.846%
0.000%	0.000%	0.000%	4.465%	-0.638%	0.000%	0.000%	0.000%	-3.704%
36.364%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	2.381%	0.000%	0.000%	0.000%	0.000%	0.000%	-3.571%
4.762%	0.000%	-1.869%	0.000%	0.000%	0.000%	0.000%	-15.966%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-6.667%
2.439%	0.000%	0.000%	0.000%	-2.083%	0.000%	0.000%	0.847%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	8.257%	0.000%
-31.667%	0.000%	0.000%	0.000%	0.000%	2.000%	0.000%	5.825%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-16.667%	0.000%	0.980%	-1.639%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-10.526%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	4.587%	-1.613%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	10.101%	0.000%
0.000%	0.000%	0.706%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	1.190%	0.000%	0.000%	0.000%	0.000%	-10.000%	0.649%
0.000%	0.000%	-3.670%	0.000%	-2.041%	0.000%	0.000%	11.111%	-6.098%
9.091%	0.000%	0.000%	0.000%	-2.000%	-7.692%	0.000%	-10.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
10.000%	-0.385%	0.000%	0.000%	-1.961%	0.000%	0.000%	8.911%	0.000%
-26.471%	-1.887%	2.588%	-5.000%	-0.778%	8.333%	0.000%	0.000%	0.000%
0.000%	-0.376%	-1.163%	-2.027%	0.000%	-18.919%	0.000%	-11.404%	0.000%
0.000%	-0.746%	-1.376%	-1.333%	0.000%	0.000%	0.000%	1.786%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	5.714%	0.000%	9.804%	0.000%
-2.857%	0.000%	0.000%	0.000%	0.000%	-13.580%	0.000%	0.000%	1.548%
0.000%	0.000%	-0.909%	0.000%	0.000%	-10.000%	0.000%	0.990%	-0.615%
0.000%	0.000%	0.000%	-3.226%	0.000%	12.500%	0.000%	-7.339%	1.563%
0.000%	0.000%	0.000%	0.000%	0.000%	33.333%	0.000%	0.000%	-3.030%
0.000%	0.000%	0.917%	0.000%	2.187%	0.000%	0.000%	0.000%	-2.941%
0.000%	0.000%	-0.909%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.917%	0.000%	4.141%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-5.028%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3.170%
0.000%	-0.372%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.152%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	1.538%
16.667%	0.000%	0.000%	0.000%	5.000%	0.000%	0.000%	-6.034%	-5.797%
11.111%	-0.370%	0.000%	0.000%	0.000%	0.000%	0.000%	5.455%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-8.333%	0.000%
0.000%	0.000%	-4.595%	-0.641%	0.000%	0.000%	0.000%	0.840%	0.000%
1.887%	-6.897%	0.000%	0.000%	0.000%	0.000%	0.000%	20.202%	0.000%
-24.286%	0.000%	0.000%	0.000%	-1.499%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	4.577%	4.069%	0.000%	-1.639%	0.000%	10.000%	5.828%
-7.895%	0.000%	-5.000%	0.000%	0.000%	0.000%	0.000%	-2.174%	3.492%
0.000%	7.407%	2.908%	0.000%	0.000%	1.667%	0.000%	0.000%	2.941%
0.000%	0.000%	-4.894%	0.000%	0.000%	0.000%	0.000%	-7.071%	-3.774%

0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	4.211%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.298%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.556%	0.667%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-20.833%	0.000%	-2.083%	0.000%	0.000%	0.000%	0.000%	0.000%	-2.597%
26.316%	0.000%	0.000%	4.206%	0.000%	0.000%	0.000%	0.000%	0.000%
31.034%	0.000%	0.000%	4.428%	0.000%	0.000%	0.000%	1.124%	1.316%
0.000%	0.000%	0.000%	0.000%	4.944%	-7.692%	0.000%	-6.316%	7.042%
0.000%	-1.818%	-2.041%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	4.706%	0.000%	0.000%	0.000%	7.170%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.376%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	5.556%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-7.143%	0.000%	2.273%	0.000%
-25.641%	0.000%	-1.606%	-5.000%	0.236%	16.667%	0.000%	-12.000%	-0.746%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-6.294%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-6.230%
0.000%	0.000%	0.000%	-2.782%	-4.933%	0.000%	0.000%	-9.091%	-5.573%
0.000%	0.000%	0.000%	-5.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-1.266%	0.000%	0.000%	-0.633%	-4.086%	-14.286%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-1.483%	11.111%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-1.219%	0.000%	1.613%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-0.652%	0.426%	0.000%	0.000%	0.000%	-5.000%
0.000%	0.000%	0.000%	0.000%	-0.634%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	1.426%	0.000%	-0.211%	1.639%	0.000%	0.000%	-0.585%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-1.250%	0.000%	4.468%	0.000%	-1.044%	-12.857%	0.000%	0.000%	-3.933%
-5.882%	0.000%	0.000%	0.000%	1.055%	0.000%	0.000%	0.000%	-3.261%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
6.250%	0.000%	-2.490%	-4.790%	3.947%	0.000%	0.000%	0.000%	-3.158%
29.032%	0.000%	0.000%	-5.000%	-4.802%	0.000%	0.000%	0.000%	0.000%
-22.500%	0.000%	0.000%	-4.813%	-3.232%	0.000%	0.000%	0.000%	5.556%
0.000%	0.000%	-2.626%	4.469%	0.000%	-9.091%	0.000%	0.000%	2.564%
9.589%	0.000%	0.000%	-4.787%	-2.941%	4.054%	0.000%	0.000%	-5.135%
-10.976%	0.000%	0.000%	1.732%	0.000%	0.000%	0.000%	-8.333%	2.778%
0.000%	0.000%	3.125%	1.846%	0.791%	0.000%	0.000%	0.000%	0.000%
1.235%	0.000%	3.672%	0.000%	0.000%	2.778%	0.000%	0.000%	0.000%
8.000%	0.000%	-4.141%	-4.975%	0.000%	0.000%	0.000%	0.000%	5.882%
-12.791%	0.000%	0.000%	3.496%	0.000%	-7.692%	0.000%	0.000%	-0.293%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	4.348%	-5.278%
-9.474%	0.000%	0.000%	3.130%	-2.879%	-1.266%	0.000%	-4.959%	-5.263%
15.854%	0.000%	0.000%	2.229%	0.192%	9.722%	0.000%	0.833%	-3.553%
-19.608%	0.000%	5.000%	-1.658%	-3.525%	0.000%	0.000%	-3.226%	-0.253%
0.000%	0.000%	0.000%	4.676%	0.000%	-7.692%	0.000%	7.826%	2.865%
0.000%	0.000%	0.000%	-0.556%	0.000%	0.000%	0.000%	0.000%	5.495%
0.000%	0.000%	0.000%	0.000%	0.000%	-2.500%	0.000%	0.000%	4.000%
-1.923%	0.000%	0.000%	0.117%	0.000%	0.000%	0.000%	0.000%	1.449%
-8.772%	0.000%	0.000%	3.516%	-0.185%	0.000%	0.000%	0.000%	-9.449%

0.000%	0.000%	0.000%	3.094%	0.000%	12.676%	0.000%	8.491%	-0.262%
-5.000%	0.000%	0.000%	-2.439%	0.000%	1.429%	-41.176%	-4.505%	0.526%
20.000%	0.000%	0.000%	4.459%	0.000%	-12.500%	0.000%	-3.478%	-2.564%
-9.910%	0.000%	-4.959%	4.667%	0.000%	0.000%	0.000%	0.877%	4.278%
11.000%	0.000%	0.000%	1.386%	0.186%	-9.091%	0.000%	0.000%	-1.837%
25.000%	0.000%	0.000%	4.966%	0.000%	0.000%	0.000%	-5.000%	-3.299%
-2.439%	0.000%	0.000%	4.991%	0.000%	0.000%	0.000%	2.564%	5.067%
-14.583%	0.000%	0.000%	4.965%	0.000%	-2.222%	0.000%	-2.500%	5.634%
-2.041%	0.000%	-1.022%	2.320%	-0.185%	0.000%	0.000%	0.000%	-1.389%
-4.854%	0.000%	1.875%	0.000%	0.000%	0.000%	0.000%	-3.226%	0.000%

Habib	Khairpur	Mirza	Pangrio	Sakrand	Sind	Clover	Gilliete	National foods
-1.033%	0.000%	-5.172%	-10.909%	5.263%	0.000%	0.000%	3.240%	0.000%
-1.023%	0.000%	-13.433%	-15.385%	-1.724%	0.000%	0.065%	0.000%	0.870%
0.000%	0.000%	1.515%	-7.801%	0.000%	0.000%	-1.346%	0.000%	0.877%
0.000%	0.000%	-4.348%	3.676%	1.754%	-8.257%	4.000%	0.000%	0.000%
-2.655%	0.000%	-5.479%	3.030%	-5.000%	0.000%	-0.662%	-4.977%	0.000%
4.994%	0.000%	10.606%	3.125%	0.000%	-8.403%	2.027%	-5.000%	-5.000%
-4.333%	0.000%	-2.941%	-7.246%	5.263%	0.000%	-2.791%	-3.607%	0.000%
2.273%	0.000%	-15.000%	-12.658%	-5.000%	7.207%	0.000%	-4.688%	0.000%
0.571%	0.000%	-5.882%	-1.250%	3.448%	9.901%	5.000%	-2.795%	0.000%
-0.455%	0.000%	30.769%	14.286%	0.000%	10.989%	-3.333%	4.974%	0.000%
4.893%	0.000%	8.333%	3.704%	-1.695%	12.346%	0.000%	4.988%	-4.762%
4.750%	0.000%	9.091%	1.504%	-3.279%	0.000%	-1.316%	4.991%	0.000%
2.302%	0.000%	1.852%	-1.481%	1.667%	0.000%	0.000%	4.982%	0.000%
-2.250%	0.000%	-1.818%	5.469%	0.000%	0.000%	-2.564%	4.998%	2.397%
-0.498%	0.000%	-3.509%	1.587%	1.695%	0.000%	3.311%	4.536%	-0.766%
3.077%	0.000%	0.000%	-3.077%	-10.606%	0.000%	2.096%	4.974%	3.333%
-0.637%	0.000%	0.000%	-0.763%	-16.456%	0.000%	0.271%	5.000%	0.251%
0.000%	0.000%	0.000%	0.769%	33.898%	0.000%	-1.503%	4.673%	0.000%
-0.633%	0.000%	0.000%	-0.763%	-6.349%	0.000%	0.000%	4.953%	0.000%
-1.250%	0.000%	1.786%	2.344%	-3.077%	0.000%	4.940%	4.995%	0.000%
-0.621%	0.000%	-3.448%	3.226%	8.333%	0.000%	-2.859%	4.973%	5.000%
-0.617%	-18.868%	-3.333%	-7.463%	-6.250%	0.000%	-0.743%	4.994%	0.000%
1.377%	-1.852%	5.263%	-1.471%	-4.478%	0.000%	-0.337%	4.819%	0.000%
4.036%	0.000%	-3.390%	3.030%	-8.219%	0.000%	0.000%	-2.267%	0.000%
0.000%	0.000%	11.321%	-5.714%	-1.351%	1.250%	-0.669%	0.000%	1.786%
3.087%	0.000%	15.217%	0.000%	-3.896%	0.000%	4.912%	0.000%	-4.274%
0.000%	0.000%	-17.857%	0.000%	6.944%	-11.111%	2.518%	0.000%	0.000%
-1.974%	0.000%	0.000%	6.061%	-10.000%	0.000%	4.511%	0.000%	0.000%
1.064%	0.000%	0.000%	-5.714%	-4.762%	0.000%	-1.335%	0.000%	0.000%
0.000%	0.000%	0.000%	9.375%	20.000%	0.000%	1.736%	-4.498%	1.739%
-1.053%	0.000%	-1.754%	-3.030%	0.000%	0.000%	-0.972%	0.000%	0.000%
0.000%	-0.917%	1.786%	-1.493%	12.903%	0.000%	-1.545%	0.000%	-4.167%
-0.654%	-0.909%	0.000%	-6.294%	0.000%	-5.263%	0.667%	0.000%	0.000%
0.000%	0.000%	0.000%	2.143%	0.000%	0.000%	-1.099%	4.953%	0.000%
0.394%	0.000%	-6.667%	0.000%	1.639%	0.000%	5.000%	-4.667%	3.448%
-2.308%	0.000%	-1.639%	-4.762%	1.667%	-9.524%	0.000%	-8.444%	0.000%
-1.639%	0.000%	8.929%	8.088%	-3.226%	-4.545%	4.923%	0.000%	0.000%
4.342%	0.000%	5.660%	-9.333%	3.333%	0.000%	5.000%	-4.978%	4.223%
-0.131%	0.000%	0.000%	-1.316%	0.000%	0.000%	-0.632%	0.000%	5.000%
0.000%	0.000%	-3.636%	0.000%	-3.226%	0.000%	-5.000%	-4.961%	0.952%

-2.436%	-4.348%	1.852%	-1.299%	0.000%	0.000%	-1.575%	-4.976%	0.478%
-1.266%	0.000%	0.000%	0.000%	0.000%	0.000%	4.959%	0.000%	0.000%
0.000%	0.000%	0.000%	-2.532%	1.639%	0.000%	-0.820%	-4.977%	0.000%
3.268%	0.000%	-5.263%	0.000%	-1.613%	0.000%	4.542%	-4.966%	0.000%
-1.923%	0.000%	-6.557%	-4.242%	5.085%	0.000%	0.172%	-4.981%	0.000%
1.299%	0.000%	3.390%	-0.602%	9.259%	0.000%	2.193%	0.000%	0.000%
1.316%	0.000%	5.357%	-6.742%	-10.000%	0.000%	-3.635%	-4.643%	0.000%
0.000%	0.000%	-3.448%	5.325%	0.000%	0.000%	-4.980%	-4.110%	0.481%
1.333%	0.000%	7.407%	13.423%	11.111%	0.000%	-0.400%	0.000%	-2.804%
3.306%	0.000%	0.000%	5.674%	-10.000%	0.000%	4.167%	0.000%	0.000%
-1.892%	0.000%	0.000%	2.174%	0.000%	0.000%	1.868%	0.000%	0.000%
-0.135%	0.000%	-5.263%	0.730%	-3.226%	0.000%	-5.000%	0.000%	0.000%
-5.000%	-4.167%	0.000%	-6.803%	-8.824%	0.000%	1.681%	0.000%	-4.036%
0.000%	0.000%	0.000%	0.000%	9.677%	-8.333%	0.785%	0.000%	4.793%
0.000%	9.091%	0.000%	-3.289%	0.000%	0.000%	-0.247%	0.000%	-5.000%
2.632%	19.565%	0.000%	1.333%	0.000%	0.000%	0.000%	0.000%	4.429%
-2.314%	9.524%	0.000%	2.740%	0.000%	0.000%	0.831%	0.000%	0.000%
0.000%	0.000%	1.786%	0.000%	0.000%	0.000%	2.383%	0.000%	0.000%
2.368%	0.000%	0.000%	3.546%	-4.615%	0.000%	4.911%	0.000%	0.000%
2.013%	0.000%	-3.448%	-6.623%	0.000%	0.000%	0.000%	0.000%	0.000%
-1.974%	0.000%	1.754%	0.667%	4.839%	0.000%	0.629%	0.000%	-4.027%
3.401%	0.000%	0.000%	0.000%	1.639%	0.000%	4.950%	0.000%	4.930%
0.000%	0.000%	1.786%	0.671%	1.667%	0.000%	5.000%	0.000%	-3.182%
0.000%	0.000%	-9.677%	-6.875%	0.000%	0.000%	-2.415%	0.000%	0.871%
-3.289%	0.000%	1.639%	-11.111%	-4.762%	0.000%	-0.481%	-2.667%	0.000%
0.000%	0.000%	-4.688%	0.000%	5.000%	0.000%	-24.088%	0.000%	0.000%
0.000%	0.000%	12.281%	12.500%	0.000%	9.091%	1.632%	0.000%	0.000%
-1.299%	0.000%	5.556%	6.667%	0.000%	10.000%	0.372%	-1.283%	0.000%
1.316%	0.000%	-3.571%	-4.459%	3.448%	-9.091%	1.053%	1.300%	-4.760%
-3.553%	0.000%	-1.754%	-1.258%	-1.695%	0.000%	1.450%	0.000%	0.000%
2.338%	0.000%	0.000%	-3.049%	1.724%	-8.333%	-3.994%	0.000%	-4.979%
-2.036%	0.000%	0.000%	7.895%	9.434%	-7.692%	-0.037%	0.000%	-0.413%
3.421%	0.000%	1.786%	1.333%	-8.621%	0.000%	0.000%	0.000%	0.000%
-2.564%	5.000%	1.818%	-6.250%	11.538%	0.000%	0.147%	0.000%	-3.968%
3.311%	21.212%	1.852%	0.000%	-11.864%	0.000%	-0.147%	0.000%	5.000%
2.027%	0.000%	5.882%	3.226%	0.000%	0.000%	1.111%	0.000%	0.000%
2.210%	0.000%	-5.556%	0.649%	9.259%	0.000%	-2.843%	-2.597%	0.000%
4.928%	0.000%	0.000%	5.479%	-6.897%	0.000%	-0.750%	0.000%	0.000%
-4.167%	0.000%	5.882%	-5.195%	0.000%	0.000%	0.000%	0.000%	0.000%
1.408%	0.000%	-1.923%	8.451%	0.000%	0.000%	-3.448%	-3.750%	0.000%
0.000%	0.000%	0.000%	-4.698%	0.000%	-7.143%	0.000%	3.896%	0.000%
0.000%	0.000%	-3.704%	0.676%	3.571%	0.000%	-1.361%	2.667%	0.000%
0.000%	0.000%	0.000%	2.778%	0.000%	0.000%	-1.342%	0.000%	0.000%
-2.740%	0.000%	-6.897%	-12.195%	0.000%	-6.040%	1.361%	0.000%	0.000%
2.962%	0.000%	1.754%	7.190%	0.000%	0.000%	4.255%	1.351%	0.000%
-0.141%	0.000%	-8.065%	-4.375%	-3.448%	0.000%	0.714%	0.000%	0.000%
1.429%	0.000%	0.000%	3.226%	0.000%	0.000%	2.564%	0.000%	0.000%

0.000%	0.000%	3.333%	-10.405%	-3.333%	0.000%	5.000%	-1.333%	-4.000%
-2.778%	0.000%	3.448%	-10.363%	0.000%	6.429%	-0.763%	2.041%	3.306%
0.000%	0.000%	-4.918%	-3.500%	0.000%	0.000%	2.745%	5.000%	0.000%
1.408%	0.000%	-3.175%	2.564%	0.000%	0.358%	0.000%	0.000%	0.041%
-0.141%	0.000%	1.613%	-2.985%	7.143%	0.000%	-2.672%	0.000%	0.000%
-3.919%	0.000%	1.639%	6.915%	-3.448%	-6.689%	0.000%	1.449%	0.000%
0.000%	0.000%	0.000%	11.905%	-3.333%	-0.333%	1.748%	0.730%	0.000%
2.778%	0.000%	-3.175%	0.599%	15.385%	0.000%	3.000%	1.481%	-0.041%
2.857%	0.000%	-3.077%	4.375%	-13.333%	0.000%	-0.794%	0.000%	0.833%
1.597%	0.000%	0.000%	0.000%	5.263%	0.000%	-2.740%	0.000%	0.000%
-3.771%	0.000%	1.563%	-8.571%	-1.724%	0.000%	-4.673%	0.000%	0.000%
-4.533%	0.000%	0.000%	-5.914%	7.407%	-0.990%	4.378%	0.000%	0.000%
-2.597%	0.000%	-4.478%	-2.105%	31.707%	0.000%	0.000%	0.000%	0.000%
-0.773%	0.000%	4.688%	11.765%	-29.310%	0.000%	0.231%	-3.571%	0.000%
-1.146%	0.000%	-7.246%	-10.526%	0.000%	-6.192%	-2.184%	0.000%	0.000%
-4.848%	0.000%	-4.167%	-6.863%	0.000%	6.601%	4.980%	0.000%	0.000%
4.563%	0.000%	2.857%	10.870%	-3.333%	-5.901%	4.719%	2.190%	0.000%
3.003%	0.000%	16.667%	12.195%	3.448%	6.623%	0.919%	-0.182%	0.000%
2.133%	0.000%	1.695%	13.889%	0.000%	0.667%	5.000%	4.971%	-1.639%
-3.846%	0.000%	-3.279%	16.129%	-12.121%	0.000%	0.000%	4.978%	0.000%
2.632%	0.000%	12.963%	7.826%	6.452%	-6.250%	0.000%	4.973%	-1.613%
-1.299%	0.000%	1.887%	-4.167%	3.333%	0.000%	0.000%	0.000%	-1.587%
0.000%	0.000%	-10.169%	0.000%	-3.226%	0.000%	1.831%	0.000%	2.983%
4.054%	0.000%	11.321%	0.000%	-6.061%	0.000%	-0.045%	5.000%	4.976%
-2.116%	0.000%	3.922%	8.108%	3.125%	0.000%	0.000%	0.000%	5.000%
2.162%	0.000%	-1.923%	4.717%	-3.030%	0.000%	0.448%	0.000%	0.000%
0.000%	0.000%	-7.143%	2.913%	0.000%	0.000%	3.914%	0.000%	0.000%
0.000%	0.000%	0.000%	-6.364%	-4.348%	0.000%	3.621%	0.000%	0.000%
0.000%	0.000%	0.000%	4.762%	-5.479%	0.000%	-5.000%	0.000%	0.000%
0.000%	0.000%	3.704%	-4.545%	1.389%	0.000%	-2.242%	4.630%	0.000%
0.000%	0.000%	5.882%	-9.836%	2.857%	0.000%	-0.446%	0.000%	0.000%
0.000%	0.000%	-12.069%	-6.154%	-5.405%	-5.882%	-1.754%	-2.703%	-0.135%
0.000%	0.000%	9.434%	8.333%	5.714%	0.000%	2.703%	0.000%	-5.000%
0.000%	0.000%	-3.636%	20.000%	2.941%	0.000%	1.835%	0.000%	-2.500%
-4.639%	0.000%	5.769%	-5.660%	-4.225%	0.000%	0.000%	0.000%	0.000%
-0.257%	-8.333%	0.000%	-11.667%	0.000%	0.000%	-1.713%	1.370%	-4.724%
0.000%	0.000%	-8.772%	0.000%	14.516%	-4.225%	-0.090%	4.785%	-0.040%
0.000%	0.000%	0.000%	-3.226%	3.333%	0.000%	0.000%	0.000%	0.000%
-3.951%	0.000%	1.786%	0.000%	-6.250%	0.000%	0.909%	-4.128%	-0.787%
0.000%	0.000%	3.704%	-4.615%	-3.030%	0.000%	-0.901%	0.000%	0.000%
4.651%	0.000%	-6.897%	-3.704%	10.000%	0.000%	0.955%	0.000%	0.000%
4.878%	-20.000%	-3.333%	4.651%	-7.692%	0.000%	0.000%	-3.838%	2.419%
4.237%	0.000%	1.695%	5.738%	6.557%	0.000%	1.806%	0.000%	0.000%
4.889%	0.000%	22.917%	1.667%	-3.175%	0.000%	-1.818%	4.954%	0.000%
-1.316%	0.000%	-12.727%	-1.639%	3.279%	0.000%	0.000%	-4.678%	0.000%
-5.000%	0.000%	-3.509%	-6.154%	0.000%	-0.838%	-3.466%	-9.649%	0.000%
-0.826%	0.000%	1.786%	3.175%	-1.613%	0.000%	-1.256%	-5.000%	0.000%

-4.474%	0.000%	0.000%	5.000%	-8.824%	0.000%	4.957%	0.000%	0.000%
0.000%	0.000%	-6.667%	-4.762%	9.677%	-3.243%	-0.901%	0.000%	-0.800%
0.000%	0.000%	3.448%	-8.696%	-1.587%	-2.632%	-0.849%	0.000%	0.000%
0.000%	0.000%	-3.333%	-6.757%	-5.970%	0.000%	-0.089%	0.000%	-0.794%
0.000%	0.000%	-3.226%	-0.671%	0.000%	0.000%	2.283%	3.937%	0.000%
0.000%	0.000%	-6.061%	-5.696%	3.077%	0.000%	0.000%	-2.308%	0.000%
0.000%	0.000%	3.125%	0.000%	4.839%	0.000%	-0.455%	0.000%	5.000%
3.401%	7.143%	0.000%	-11.236%	0.000%	-4.523%	0.000%	1.721%	0.000%
-3.289%	0.000%	3.226%	-4.813%	-1.587%	4.737%	0.000%	-4.627%	-0.415%
-5.000%	0.000%	-18.421%	-0.532%	-10.000%	5.556%	0.000%	-4.286%	0.000%
-1.235%	0.000%	-2.564%	11.905%	0.000%	5.882%	0.000%	0.000%	0.000%
-3.571%	0.000%	2.632%	13.514%	2.941%	6.250%	-2.222%	0.719%	0.000%
-4.545%	0.000%	10.145%	13.846%	0.000%	0.000%	1.351%	-0.714%	0.000%
0.000%	0.000%	7.813%	14.035%	-2.857%	0.000%	0.000%	-3.047%	3.835%
1.149%	0.000%	-5.882%	21.277%	-6.667%	0.000%	-2.589%	-5.000%	0.000%
2.837%	0.000%	-12.821%	27.027%	8.696%	0.000%	0.000%	-5.000%	0.000%
-1.628%	0.000%	23.810%	-8.642%	9.524%	-1.538%	-0.480%	0.000%	-0.685%
4.878%	0.000%	-10.000%	9.459%	-8.696%	0.000%	4.091%	-1.021%	-5.000%
-2.959%	0.000%	40.000%	37.037%	2.985%	-1.515%	-0.812%	-9.994%	0.000%
-3.977%	0.000%	0.000%	0.000%	3.077%	0.000%	0.000%	-4.999%	0.000%
-0.227%	0.000%	-3.846%	0.000%	0.000%	0.000%	1.743%	-8.716%	0.000%
-3.395%	0.000%	1.961%	0.000%	-7.143%	0.000%	-1.713%	-5.000%	-1.600%
-2.248%	0.000%	0.000%	0.000%	-2.778%	0.000%	-0.938%	4.032%	-1.575%
4.944%	0.000%	0.000%	3.846%	2.857%	0.000%	0.000%	-4.750%	0.000%
0.451%	0.000%	2.000%	-11.864%	-5.405%	-2.941%	0.856%	4.762%	0.000%
-1.665%	0.000%	0.000%	5.357%	-2.632%	0.000%	-0.804%	0.000%	-2.308%
-0.442%	0.000%	-1.961%	7.692%	11.765%	0.000%	1.774%	0.000%	0.000%
4.988%	5.000%	0.000%	15.556%	-10.526%	-1.449%	-1.390%	0.000%	0.000%
4.994%	0.000%	2.000%	18.421%	-2.564%	0.000%	-1.327%	-0.166%	-1.552%
-4.977%	0.000%	-3.846%	-29.630%	-7.143%	0.000%	4.630%	0.000%	0.000%
-0.690%	0.000%	-3.704%	0.000%	0.000%	0.000%	0.325%	0.000%	0.000%
0.230%	0.000%	0.000%	-3.571%	1.205%	-1.429%	-1.555%	0.000%	-2.402%
-0.459%	0.000%	0.000%	0.000%	7.792%	0.000%	-0.591%	0.000%	0.000%
-1.469%	0.000%	0.000%	0.000%	-3.750%	0.000%	4.762%	0.000%	0.000%
2.194%	0.000%	0.000%	-6.667%	5.263%	0.000%	-0.943%	0.000%	4.884%
4.970%	0.000%	-1.818%	0.000%	7.042%	0.000%	0.000%	-4.991%	0.000%
1.852%	0.000%	-8.333%	0.000%	-5.333%	0.000%	1.193%	-4.979%	0.781%
1.250%	0.000%	9.091%	0.000%	0.000%	0.000%	4.960%	-4.898%	-0.775%
0.629%	0.000%	-5.172%	0.000%	4.167%	0.000%	4.942%	-3.922%	0.000%
-0.625%	0.000%	0.000%	-1.639%	-5.263%	0.000%	0.000%	0.000%	0.000%
0.629%	-2.439%	7.407%	-1.613%	7.042%	0.000%	0.000%	0.000%	0.000%
-0.625%	0.000%	-3.571%	0.000%	-11.250%	0.000%	0.000%	-4.833%	0.000%
0.000%	0.000%	0.000%	3.333%	-2.439%	0.000%	-2.060%	4.996%	0.000%
0.629%	0.000%	0.000%	-3.226%	7.895%	0.000%	-2.900%	4.999%	0.000%
-1.242%	0.000%	0.000%	12.727%	-2.564%	0.000%	0.000%	4.989%	1.455%
2.157%	0.000%	0.000%	14.583%	-3.704%	2.941%	2.041%	4.989%	4.996%
0.382%	0.000%	3.704%	4.348%	1.250%	0.000%	0.000%	5.000%	-3.120%

2.480%	0.000%	-1.818%	-4.167%	2.564%	0.000%	4.255%	1.449%	0.000%
4.932%	0.000%	-1.786%	-4.000%	0.000%	0.000%	0.000%	-3.721%	0.000%
1.389%	0.000%	0.000%	0.000%	-3.704%	0.000%	0.000%	-4.444%	0.000%
2.273%	0.000%	0.000%	0.000%	-10.000%	0.000%	1.897%	0.000%	0.000%
0.571%	0.000%	0.000%	-7.407%	25.000%	0.000%	0.000%	-4.255%	0.000%
-2.098%	0.000%	0.000%	1.887%	0.000%	0.592%	0.000%	-2.993%	-0.794%
-2.055%	0.000%	0.000%	10.417%	-1.370%	6.289%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-4.000%	-3.947%	0.000%	0.000%	-5.000%	5.000%
-0.680%	0.000%	5.660%	-1.961%	8.571%	0.000%	-1.072%	2.000%	-0.042%
3.086%	0.000%	-10.169%	2.000%	0.000%	0.000%	-4.847%	-4.306%	-4.986%
-0.280%	0.000%	0.000%	8.696%	-4.110%	0.000%	0.000%	-5.000%	0.000%
2.143%	0.000%	0.000%	0.000%	-8.750%	0.000%	-0.254%	-2.827%	0.000%
0.000%	0.000%	0.000%	0.000%	2.564%	0.000%	0.000%	-0.684%	0.000%
-2.235%	0.000%	-1.667%	0.000%	-2.500%	0.000%	0.000%	-4.985%	0.000%
-0.556%	0.000%	11.111%	-4.167%	5.263%	0.000%	0.000%	1.661%	0.000%
-0.963%	0.000%	8.000%	20.000%	-2.564%	0.000%	0.000%	-1.173%	-5.000%
-0.411%	0.000%	-7.407%	-2.439%	4.000%	0.000%	0.255%	1.531%	0.000%
-0.680%	0.000%	0.000%	-21.154%	-1.316%	0.000%	0.000%	-2.000%	-5.000%
-1.077%	0.000%	-6.897%	-3.704%	5.556%	0.000%	-4.854%	0.334%	0.000%
3.916%	-17.172%	0.000%	-10.000%	2.857%	0.000%	3.000%	0.000%	0.000%
1.563%	0.000%	-3.333%	7.143%	-6.667%	0.000%	-3.661%	-0.333%	0.000%
-1.950%	0.000%	0.000%	-11.111%	4.167%	0.000%	3.800%	0.000%	0.000%
2.865%	0.000%	7.143%	5.000%	0.000%	-0.625%	0.000%	0.000%	-0.709%
-3.056%	0.000%	-8.197%	3.448%	-1.370%	0.000%	0.000%	0.000%	-3.292%
-1.099%	0.000%	1.667%	-3.333%	0.000%	0.000%	0.000%	4.167%	4.968%
-0.274%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.690%	4.989%
-0.273%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	3.479%	5.000%
1.526%	0.000%	-1.639%	0.000%	-2.667%	0.000%	0.000%	-5.000%	5.000%
0.839%	0.000%	-3.175%	0.000%	1.351%	0.000%	1.010%	0.000%	0.000%
-0.694%	0.000%	5.000%	0.000%	1.370%	0.000%	0.000%	0.426%	-4.000%
-2.174%	0.000%	-3.226%	0.000%	-1.351%	0.000%	0.000%	-4.920%	0.000%
-0.541%	0.000%	-4.615%	0.000%	1.370%	0.000%	0.508%	-0.016%	0.000%
0.000%	0.000%	4.839%	0.000%	0.000%	0.000%	-3.902%	-0.323%	0.000%
-1.333%	0.000%	-3.125%	0.000%	-3.947%	0.000%	-2.844%	2.615%	0.000%
1.351%	0.000%	4.918%	0.000%	-3.797%	0.000%	0.000%	-5.000%	0.000%
-0.135%	0.000%	-1.613%	-13.043%	9.722%	-5.882%	4.455%	0.633%	0.000%
-2.372%	0.000%	-1.587%	1.471%	-7.692%	-5.556%	1.000%	-2.469%	-3.846%
0.530%	0.000%	1.613%	0.000%	0.000%	0.000%	0.000%	1.871%	0.000%
0.133%	-1.000%	1.639%	9.677%	0.000%	-2.703%	0.000%	-3.912%	4.000%
0.266%	-8.257%	0.000%	0.000%	-2.500%	5.714%	-2.534%	-1.194%	-3.101%
-4.810%	0.000%	-6.154%	0.000%	0.000%	0.000%	-5.000%	-2.899%	-0.769%
-0.629%	0.000%	6.557%	0.000%	0.000%	2.941%	0.093%	2.435%	-2.256%
3.247%	0.000%	0.000%	1.639%	0.000%	0.295%	1.792%	4.988%	0.000%
0.654%	0.000%	0.000%	-3.175%	-1.235%	0.000%	-1.761%	4.991%	0.000%
0.000%	0.000%	22.000%	0.000%	-6.897%	0.000%	0.841%	-4.991%	0.000%
-3.409%	0.000%	-20.635%	0.000%	7.407%	0.000%	-1.745%	-4.993%	0.000%
3.259%	0.000%	0.000%	5.000%	-4.706%	0.000%	0.000%	4.379%	0.758%

0.921%	0.000%	0.000%	-4.762%	3.659%	0.000%	0.000%	4.985%	3.125%
0.000%	0.000%	1.613%	10.526%	-2.381%	0.000%	1.776%	4.979%	0.000%
-23.771%	0.000%	-3.125%	0.000%	-1.176%	0.000%	-0.926%	4.996%	0.000%
1.424%	0.000%	-1.538%	-13.636%	1.190%	-2.305%	0.000%	4.982%	3.226%
-2.480%	0.000%	3.175%	1.538%	1.205%	2.663%	0.000%	4.995%	0.000%
-3.077%	3.810%	-1.563%	8.333%	-6.742%	0.000%	0.093%	4.997%	-2.362%
0.580%	6.061%	-3.030%	-6.250%	0.000%	0.000%	3.750%	4.986%	0.000%
-1.711%	0.000%	-2.941%	0.000%	-1.111%	0.000%	-0.952%	4.984%	0.000%
3.137%	12.500%	4.615%	-7.246%	1.124%	-1.744%	0.000%	4.994%	0.000%
4.938%	0.000%	8.333%	0.000%	2.299%	0.000%	0.000%	4.992%	4.098%

Noon pakistan rc	Haufeez seamless	Quality steel	Fauji fertilzer Co Ltd	Saleem Denim	International Knitwear Ltd	Redco Textiles Ltd	Kohinoor Power	Attock Refinery Limited
0.000%	-0.093%	0.000%	-1.337%	0.000%	0.000%	11.111%	0.000%	0.301%
0.000%	4.854%	0.000%	1.403%	0.000%	0.000%	-5.263%	0.000%	0.181%
0.000%	0.000%	0.000%	-4.552%	0.000%	0.000%	-7.317%	1.316%	2.092%
0.000%	-2.830%	0.000%	1.864%	0.000%	0.000%	2.500%	-5.000%	1.309%
0.000%	-2.214%	0.000%	0.000%	0.000%	0.000%	-11.111%	2.564%	-2.195%
7.895%	0.000%	0.000%	-1.345%	0.000%	0.000%	9.756%	0.000%	1.360%
0.000%	3.831%	0.000%	-1.196%	0.000%	11.111%	-2.381%	0.000%	-4.991%
0.000%	-1.509%	0.000%	-1.699%	0.000%	0.000%	-10.638%	1.299%	-4.967%
0.000%	0.000%	0.000%	-0.606%	0.000%	0.000%	2.174%	-3.750%	-2.077%
-10.588%	-2.752%	0.000%	-1.282%	0.000%	-10.000%	9.524%	-3.614%	3.331%
0.000%	0.739%	0.000%	-0.043%	0.000%	0.000%	-4.545%	3.750%	-4.477%
0.000%	-3.307%	0.000%	-0.256%	0.000%	0.000%	-6.383%	0.000%	1.478%
0.000%	4.972%	0.000%	-0.085%	90.000%	1.010%	-7.843%	0.000%	5.000%
0.000%	0.188%	0.000%	-0.844%	11.111%	0.000%	-28.169%	-3.614%	3.081%
0.000%	-2.206%	0.000%	0.894%	28.571%	0.000%	24.561%	-3.488%	1.748%
-5.556%	0.834%	0.000%	0.128%	0.000%	-2.941%	54.054%	7.500%	0.485%
0.000%	3.750%	0.000%	-0.636%	0.000%	0.000%	117.647%	0.000%	2.040%
0.000%	0.000%	0.000%	1.724%	0.000%	0.000%	13.333%	2.564%	1.378%
0.000%	-1.887%	0.000%	-0.344%	0.000%	0.000%	0.000%	-4.878%	-2.505%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-2.381%	0.306%
0.000%	1.923%	0.000%	-1.398%	0.000%	0.000%	0.000%	-6.667%	-2.509%
0.000%	-3.346%	0.000%	-0.798%	0.000%	0.000%	0.000%	-1.099%	0.000%
0.000%	0.000%	0.000%	-0.626%	-12.500%	0.000%	0.000%	3.409%	0.843%
0.000%	0.000%	0.000%	2.089%	0.000%	0.000%	0.000%	2.326%	1.591%
0.000%	1.894%	0.000%	0.256%	0.000%	2.000%	0.000%	6.173%	3.091%
0.000%	4.866%	0.000%	0.862%	0.000%	0.000%	0.000%	-2.410%	-0.189%
0.000%	-2.893%	0.000%	0.000%	0.000%	0.000%	0.000%	1.220%	0.506%
0.000%	-4.862%	0.000%	-0.258%	0.000%	0.000%	0.000%	-13.684%	-0.504%
0.000%	0.000%	0.000%	-1.189%	0.000%	0.000%	0.000%	5.556%	0.189%
0.000%	0.000%	0.000%	-0.339%	0.000%	0.000%	0.000%	21.622%	-0.314%
0.000%	1.869%	0.000%	-0.547%	0.000%	0.000%	0.000%	0.000%	0.633%
0.000%	-0.558%	0.000%	0.593%	0.000%	0.000%	0.000%	-7.500%	-1.558%
0.000%	1.509%	0.000%	0.127%	0.000%	0.000%	0.000%	-3.614%	-0.803%
0.000%	1.242%	0.000%	-0.085%	0.000%	0.000%	0.000%	0.000%	-1.462%
0.000%	3.663%	0.000%	-0.422%	0.000%	0.000%	0.000%	3.750%	-1.144%
0.000%	0.000%	0.000%	-0.336%	0.000%	0.000%	0.000%	-2.439%	-1.948%
0.000%	1.000%	0.000%	1.105%	0.000%	0.000%	0.000%	-2.381%	3.419%
0.000%	-3.382%	0.000%	0.642%	0.000%	0.000%	0.000%	0.000%	-1.087%
0.000%	-4.608%	2.990%	-0.043%	0.000%	0.000%	0.000%	0.000%	-3.440%
0.000%	-4.067%	0.000%	-0.171%	0.000%	0.000%	0.000%	-6.667%	-1.437%

0.000%	-27.500%	0.000%	-2.213%	0.000%	0.000%	0.000%	-4.255%	-2.247%
0.000%	0.000%	0.000%	-0.664%	0.000%	17.647%	0.000%	-5.051%	0.169%
0.000%	-3.406%	0.000%	1.303%	0.000%	-19.048%	0.000%	-5.714%	-0.504%
0.000%	4.870%	0.000%	0.847%	0.000%	0.000%	0.000%	10.526%	0.904%
0.000%	2.394%	0.000%	0.255%	0.000%	0.000%	0.000%	4.396%	-0.506%
0.000%	4.955%	0.000%	0.170%	0.000%	0.000%	7.143%	12.346%	0.565%
0.000%	4.982%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.506%
0.000%	5.000%	0.000%	-2.083%	0.000%	0.000%	-30.000%	-7.955%	-1.332%
0.000%	4.923%	0.000%	0.418%	0.000%	0.000%	0.000%	-1.124%	-0.442%
0.000%	5.000%	0.000%	-3.551%	0.000%	0.000%	0.000%	3.488%	0.111%
0.000%	0.000%	6.738%	1.641%	0.000%	0.000%	0.000%	-7.527%	-1.632%
0.000%	0.000%	0.000%	2.008%	0.000%	0.000%	0.000%	10.714%	0.492%
0.000%	1.724%	0.000%	-0.334%	0.000%	0.000%	0.000%	0.000%	-0.381%
0.000%	0.000%	0.000%	1.999%	0.000%	0.000%	0.000%	1.205%	-1.502%
0.000%	-1.695%	0.000%	0.470%	0.000%	0.000%	0.000%	-3.488%	0.215%
0.000%	0.000%	0.000%	-0.847%	0.000%	0.000%	0.000%	0.000%	-2.618%
0.000%	0.000%	0.000%	0.426%	0.000%	0.000%	0.000%	1.176%	0.262%
0.000%	-1.667%	0.000%	0.085%	0.000%	-16.000%	0.000%	-1.163%	-2.006%
0.000%	4.348%	0.000%	-0.508%	0.000%	0.000%	-4.762%	-4.444%	4.968%
0.000%	0.000%	0.000%	0.255%	0.000%	0.000%	0.000%	0.000%	4.989%
0.000%	-4.167%	0.000%	1.030%	0.000%	0.000%	0.000%	4.651%	-16.000%
0.000%	0.000%	0.000%	-0.043%	0.000%	0.000%	0.000%	-4.444%	-0.474%
0.000%	-1.478%	0.000%	1.480%	0.000%	19.048%	0.000%	1.124%	1.199%
0.000%	5.000%	0.000%	0.746%	0.000%	23.529%	0.000%	3.488%	0.144%
0.000%	-1.277%	0.000%	-3.308%	0.000%	0.000%	0.000%	2.381%	-0.668%
0.000%	4.911%	0.000%	-0.758%	0.000%	0.000%	0.000%	-10.638%	0.048%
0.000%	1.266%	0.000%	0.465%	0.000%	0.000%	0.000%	6.818%	1.600%
0.000%	-4.491%	0.000%	-0.630%	0.000%	0.000%	0.000%	-8.333%	-1.340%
0.000%	1.047%	0.000%	4.340%	0.000%	0.000%	5.000%	7.865%	2.552%
0.000%	0.000%	0.000%	0.618%	0.000%	-15.000%	0.000%	-1.111%	1.697%
0.000%	4.945%	0.000%	-0.570%	0.000%	0.000%	0.000%	-9.091%	0.653%
0.000%	0.000%	-6.000%	-0.437%	0.000%	-16.667%	0.000%	0.000%	-1.776%
0.000%	-1.622%	0.000%	-0.218%	0.000%	0.000%	0.000%	0.000%	0.997%
0.000%	-0.893%	0.000%	-0.778%	0.000%	0.000%	0.000%	6.452%	-2.950%
0.000%	0.000%	0.000%	0.130%	0.000%	0.000%	0.000%	0.000%	-2.453%
0.000%	0.000%	0.000%	0.435%	0.000%	0.000%	0.000%	-7.000%	-0.842%
0.000%	0.000%	0.000%	-1.118%	0.000%	0.000%	-16.667%	0.000%	1.375%
0.000%	-0.178%	0.000%	2.197%	0.000%	0.000%	0.000%	0.000%	4.978%
0.000%	-2.857%	0.000%	-1.727%	0.000%	0.000%	0.000%	0.000%	4.963%
0.000%	5.000%	0.000%	2.933%	0.000%	0.000%	0.000%	-4.762%	4.992%
0.000%	-3.509%	0.000%	-2.003%	0.000%	0.000%	0.000%	5.000%	-4.953%
0.000%	0.000%	0.000%	-1.922%	0.000%	20.000%	0.000%	-0.990%	-3.908%
0.000%	3.636%	0.000%	0.472%	0.000%	-4.762%	0.000%	-2.885%	-0.894%
0.000%	-1.786%	0.000%	-1.271%	0.000%	0.000%	0.000%	-6.306%	-4.955%
0.000%	0.000%	0.000%	-1.048%	0.000%	0.000%	0.000%	-0.893%	-0.981%
0.000%	0.000%	0.000%	-0.376%	0.000%	0.000%	0.000%	5.660%	-2.727%
0.000%	0.000%	-6.250%	-0.208%	0.000%	0.000%	0.000%	-4.505%	0.917%

0.000%	-3.198%	-5.882%	1.053%	0.000%	0.000%	0.000%	11.000%	1.869%
0.000%	4.991%	0.000%	0.381%	0.000%	23.529%	0.000%	0.000%	-0.233%
0.000%	0.000%	6.250%	0.638%	0.000%	0.000%	0.000%	0.000%	-0.233%
0.000%	-4.671%	6.667%	-2.287%	0.000%	-19.048%	0.000%	-0.990%	-1.376%
0.000%	3.399%	0.000%	-1.434%	0.000%	0.000%	0.000%	-0.980%	3.025%
0.000%	2.381%	0.000%	0.000%	0.000%	0.000%	0.000%	-4.673%	4.960%
0.000%	0.000%	0.000%	0.826%	0.000%	0.000%	0.000%	7.000%	5.000%
0.000%	0.000%	0.000%	0.960%	0.000%	0.000%	0.000%	0.000%	4.975%
0.000%	0.183%	0.000%	4.172%	0.000%	0.000%	0.000%	0.000%	0.219%
0.000%	1.869%	-6.250%	-0.217%	0.000%	0.000%	0.000%	0.000%	-1.882%
0.000%	0.000%	0.000%	-1.872%	0.000%	0.000%	0.000%	-9.091%	1.418%
0.000%	0.375%	-5.882%	1.468%	0.000%	0.000%	0.000%	10.000%	4.980%
0.000%	-2.112%	0.000%	-1.363%	0.000%	0.000%	0.000%	0.000%	-0.626%
0.000%	0.000%	6.250%	-0.340%	0.000%	0.000%	-14.286%	-2.913%	0.114%
0.000%	-0.457%	0.000%	0.127%	0.000%	0.000%	0.000%	-1.905%	-1.899%
0.000%	3.697%	0.000%	0.128%	0.000%	0.000%	0.000%	0.000%	-1.269%
0.000%	0.381%	0.000%	0.342%	0.000%	0.000%	0.000%	-2.778%	0.166%
0.000%	-4.455%	0.000%	0.085%	0.000%	5.000%	0.000%	0.000%	-0.495%
0.000%	-1.786%	0.000%	0.000%	0.000%	25.000%	0.000%	-3.571%	-0.601%
0.000%	3.704%	0.000%	0.128%	0.000%	-20.000%	0.000%	-6.667%	-1.294%
0.000%	0.186%	0.000%	-0.764%	0.000%	0.000%	0.000%	17.647%	3.575%
0.000%	3.654%	0.000%	1.509%	0.000%	0.000%	0.000%	2.000%	-0.556%
0.000%	-2.347%	0.000%	-0.812%	0.000%	0.000%	0.000%	0.000%	-0.442%
0.000%	0.000%	0.000%	0.819%	0.000%	0.000%	0.000%	0.000%	4.994%
0.000%	0.000%	0.000%	1.754%	0.000%	0.000%	0.000%	5.263%	5.000%
0.000%	2.404%	0.000%	1.740%	0.000%	0.000%	0.000%	-5.000%	3.797%
0.000%	0.000%	0.000%	-2.565%	0.000%	0.000%	0.000%	0.000%	-2.709%
0.000%	0.000%	0.000%	-1.288%	0.000%	0.000%	0.000%	-1.961%	0.247%
0.000%	0.000%	0.000%	-1.397%	0.000%	0.000%	0.000%	2.000%	-2.410%
0.000%	0.000%	0.000%	0.212%	0.000%	0.000%	3.704%	6.383%	0.242%
0.000%	0.000%	0.000%	0.855%	0.000%	0.000%	8.000%	13.253%	0.485%
0.000%	-0.383%	0.000%	-3.388%	0.000%	0.000%	0.000%	2.469%	-4.960%
0.000%	0.000%	0.000%	-3.968%	0.000%	0.000%	0.000%	0.000%	-4.986%
0.000%	3.264%	0.000%	4.825%	0.000%	0.000%	0.000%	1.250%	4.945%
0.000%	-1.845%	0.000%	4.567%	0.000%	0.000%	0.000%	0.000%	3.450%
0.000%	0.000%	0.000%	-0.820%	0.000%	0.000%	0.000%	-6.977%	-4.975%
0.000%	0.000%	-3.030%	-4.215%	0.000%	0.000%	0.000%	2.381%	-4.995%
0.000%	-2.830%	0.000%	-1.945%	0.000%	0.000%	0.000%	-3.448%	-5.000%
0.000%	0.000%	4.762%	0.244%	0.000%	25.000%	0.000%	0.000%	-2.778%
0.000%	0.000%	0.000%	-0.965%	0.000%	0.000%	-19.355%	4.819%	-2.609%
0.000%	0.000%	0.000%	-2.433%	0.000%	0.000%	0.000%	-1.190%	0.926%
0.000%	-4.676%	5.000%	-0.157%	0.000%	0.000%	0.000%	-11.579%	-4.958%
0.000%	4.906%	0.000%	4.762%	0.000%	0.000%	29.167%	17.284%	-1.190%
0.000%	4.950%	0.000%	5.000%	0.000%	0.000%	0.000%	15.714%	4.398%
0.000%	-3.810%	0.000%	-3.694%	0.000%	0.000%	0.000%	-12.500%	-4.995%
0.000%	0.000%	0.000%	-3.253%	0.000%	0.000%	-20.000%	0.000%	-4.963%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-2.439%	1.623%

0.000%	0.000%	0.000%	0.040%	0.000%	0.000%	0.000%	0.000%	-4.081%
0.000%	-0.943%	0.000%	-2.773%	0.000%	0.000%	0.000%	-5.747%	-4.996%
0.000%	-1.119%	0.000%	-0.852%	0.000%	0.000%	0.000%	-3.333%	-3.769%
0.000%	1.611%	0.000%	0.350%	0.000%	0.000%	-14.286%	4.651%	2.443%
0.000%	0.000%	0.000%	0.508%	0.000%	-20.000%	0.000%	2.381%	-0.079%
0.000%	0.000%	0.000%	-1.158%	0.000%	0.000%	16.667%	3.704%	-0.392%
0.000%	1.054%	0.000%	4.773%	0.000%	0.000%	0.000%	1.250%	4.423%
0.000%	-0.855%	-2.280%	-0.443%	0.000%	0.000%	0.000%	-11.111%	-1.928%
0.000%	0.286%	0.000%	0.526%	0.000%	0.000%	0.000%	-8.163%	-4.707%
0.000%	-3.670%	5.862%	-1.594%	0.000%	0.000%	-9.091%	3.158%	-4.982%
0.000%	1.869%	0.000%	-0.476%	0.000%	0.000%	0.000%	2.151%	-1.079%
0.000%	0.000%	-6.452%	-0.709%	0.000%	0.000%	0.000%	-2.105%	-0.323%
0.000%	-0.558%	5.085%	0.237%	0.000%	0.000%	0.000%	-5.000%	1.051%
0.000%	0.000%	0.000%	-0.393%	0.000%	0.000%	0.000%	0.000%	-0.719%
0.000%	-1.103%	0.000%	1.679%	0.000%	0.000%	0.000%	6.383%	-3.972%
0.000%	3.619%	0.000%	-0.438%	0.000%	0.000%	10.000%	-2.083%	4.967%
0.000%	-2.778%	0.000%	-1.836%	0.000%	0.000%	0.000%	7.865%	-2.544%
0.000%	3.846%	0.000%	1.992%	0.000%	25.000%	-14.286%	-1.111%	1.144%
0.000%	-2.530%	0.000%	-0.397%	0.000%	0.000%	16.667%	0.000%	-3.250%
-9.548%	-2.912%	0.000%	-2.250%	0.000%	-20.000%	0.000%	-5.263%	-3.278%
0.000%	1.759%	0.000%	0.585%	0.000%	0.000%	-25.000%	-1.042%	-1.645%
0.000%	0.000%	0.000%	-0.659%	0.000%	0.000%	-13.043%	1.053%	1.333%
0.000%	-2.790%	0.000%	-0.155%	0.000%	0.000%	0.000%	-5.000%	-1.283%
0.000%	-2.544%	0.000%	-0.615%	0.000%	0.000%	0.000%	5.263%	2.048%
0.000%	-4.202%	-6.349%	-0.763%	0.000%	0.000%	0.000%	-4.040%	3.045%
0.000%	0.168%	0.000%	-0.908%	0.000%	0.000%	0.000%	4.211%	-0.345%
0.000%	2.591%	0.000%	-1.085%	0.000%	0.000%	0.000%	0.000%	-2.159%
0.000%	-1.279%	0.000%	1.829%	0.000%	0.000%	0.000%	0.000%	0.816%
0.000%	1.208%	0.000%	1.039%	0.000%	25.000%	0.000%	-5.000%	1.625%
0.000%	0.000%	0.000%	-0.840%	0.000%	-20.000%	0.000%	0.000%	-1.565%
0.000%	0.608%	0.000%	-1.430%	0.000%	0.000%	0.000%	-7.407%	-3.923%
0.000%	-0.946%	0.000%	0.113%	0.000%	0.000%	0.000%	3.846%	1.291%
0.000%	-4.672%	-5.120%	2.076%	0.000%	0.000%	-9.804%	-9.565%	-0.658%
0.000%	0.000%	0.000%	-2.875%	0.000%	0.000%	2.000%	0.000%	-4.101%
0.000%	0.000%	0.000%	-1.363%	0.000%	0.000%	0.000%	-0.862%	-8.646%
0.000%	0.000%	0.000%	-0.477%	0.000%	0.000%	0.000%	0.000%	-4.984%
0.000%	1.667%	0.000%	-0.402%	0.000%	0.000%	0.000%	1.754%	-1.616%
0.000%	-1.072%	0.000%	-0.761%	0.000%	0.000%	0.000%	-3.390%	-3.834%
0.000%	0.248%	-5.682%	-0.969%	0.000%	0.000%	0.000%	-5.600%	-0.771%
0.000%	0.000%	6.024%	0.324%	0.000%	0.000%	0.000%	4.167%	2.368%
0.000%	0.000%	6.410%	-0.608%	0.000%	0.000%	0.000%	0.000%	-1.427%
0.000%	-0.820%	0.000%	0.179%	0.000%	0.000%	0.000%	0.840%	0.312%
0.000%	0.000%	0.000%	-0.322%	0.000%	0.000%	0.000%	0.000%	5.000%
0.000%	1.329%	6.849%	2.004%	0.000%	0.000%	38.889%	-0.833%	0.549%
0.000%	2.818%	7.353%	-0.036%	0.000%	-8.257%	0.000%	0.000%	1.393%
0.000%	-3.938%	0.000%	0.586%	0.000%	-15.504%	0.000%	-4.000%	0.899%
0.000%	3.480%	0.000%	1.337%	0.000%	0.000%	9.091%	-3.101%	-0.056%

0.000%	-5.000%	0.000%	0.861%	0.000%	0.000%	0.000%	3.200%	0.000%
0.000%	0.000%	-6.849%	0.376%	-20.000%	0.000%	0.000%	-1.575%	0.565%
0.000%	0.000%	0.000%	-1.042%	0.000%	0.000%	0.000%	-1.550%	-0.562%
0.000%	0.813%	0.000%	1.818%	0.000%	-10.417%	6.452%	-0.769%	-2.036%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-38.000%	10.169%	-2.782%
0.000%	0.000%	0.000%	1.970%	0.000%	0.000%	0.000%	0.000%	-0.954%
0.000%	-3.529%	0.000%	-0.423%	0.000%	0.000%	0.000%	0.000%	-1.204%
0.000%	-0.235%	0.000%	0.116%	0.000%	0.000%	0.000%	3.509%	1.192%
0.000%	-0.078%	0.000%	0.815%	0.000%	0.000%	0.000%	5.556%	4.978%
0.000%	3.145%	0.000%	0.625%	0.000%	0.000%	0.000%	-6.087%	4.993%
0.000%	-1.431%	0.000%	1.708%	11.111%	0.000%	0.000%	-0.862%	4.997%
0.000%	0.640%	0.000%	-0.906%	-10.000%	0.000%	0.000%	0.000%	2.033%
0.000%	1.051%	0.000%	3.673%	0.000%	0.000%	0.000%	1.754%	0.063%
0.000%	-4.992%	0.000%	-3.922%	0.000%	0.000%	19.048%	-3.390%	-4.996%
0.000%	0.000%	0.000%	-1.620%	0.000%	10.769%	0.000%	1.724%	-4.973%
0.000%	0.000%	0.000%	4.516%	0.000%	18.182%	0.000%	0.000%	0.540%
0.000%	1.244%	0.000%	-4.981%	0.000%	4.762%	-25.000%	-11.450%	-4.993%
0.000%	-4.670%	0.000%	1.715%	0.000%	0.000%	-6.667%	-6.429%	-0.777%
0.000%	1.429%	0.000%	-4.182%	0.000%	0.000%	0.000%	-4.762%	-4.987%
0.000%	-0.672%	0.000%	-1.035%	0.000%	0.000%	0.000%	5.000%	-0.758%
0.000%	-2.971%	0.000%	4.157%	0.000%	0.000%	9.091%	0.000%	-0.652%
0.000%	-1.429%	0.000%	2.445%	0.000%	0.000%	0.000%	-4.110%	1.528%
0.000%	1.449%	0.000%	1.359%	0.000%	-12.500%	-1.786%	3.546%	0.667%
0.000%	-0.648%	0.000%	-3.695%	0.000%	0.000%	0.000%	-0.704%	-3.941%
0.000%	0.000%	0.000%	-0.269%	0.000%	0.000%	0.000%	-4.054%	-2.145%
0.000%	-0.786%	-5.806%	-1.139%	0.000%	0.000%	0.000%	-1.333%	-0.504%
0.000%	-0.568%	0.000%	-0.340%	0.000%	0.000%	0.000%	0.671%	-0.239%
0.000%	4.374%	0.000%	0.762%	0.000%	0.000%	-5.085%	0.676%	0.481%
0.000%	-5.000%	-3.125%	-1.723%	0.000%	0.000%	0.000%	-2.632%	0.971%
0.000%	2.973%	0.000%	1.290%	0.000%	-1.639%	0.000%	-6.173%	0.292%
0.000%	0.291%	-1.235%	-0.528%	0.000%	0.000%	0.000%	2.532%	2.418%
0.000%	4.882%	0.000%	1.222%	0.000%	19.608%	0.000%	1.282%	5.000%
0.000%	-5.000%	0.000%	-0.076%	0.000%	0.000%	0.000%	0.645%	1.058%
0.000%	-2.817%	0.000%	-0.758%	0.000%	-16.393%	0.000%	0.000%	-0.053%
0.000%	0.709%	0.000%	-1.493%	0.000%	0.000%	5.357%	0.000%	-0.995%
0.000%	1.220%	0.000%	-0.630%	0.000%	19.608%	-3.448%	0.649%	-0.469%
0.000%	4.974%	0.000%	-0.111%	0.000%	0.000%	5.455%	-1.282%	1.133%
0.000%	4.984%	0.000%	0.897%	0.000%	0.000%	-8.333%	6.849%	-2.567%
0.000%	-4.962%	0.000%	-0.149%	0.000%	0.000%	0.000%	-0.680%	-4.977%
0.000%	-5.000%	0.000%	-2.011%	0.000%	-7.273%	0.000%	-6.962%	-0.510%
0.000%	-1.269%	0.000%	-4.969%	0.000%	0.000%	17.647%	5.333%	-3.264%
0.000%	-8.752%	0.000%	0.841%	0.000%	0.000%	-7.273%	0.671%	-0.258%
0.000%	5.000%	0.000%	1.027%	11.111%	0.000%	3.774%	0.000%	2.644%
0.000%	-3.896%	0.000%	0.071%	0.000%	10.000%	15.217%	0.000%	-0.952%
0.000%	1.316%	0.000%	1.510%	0.000%	25.000%	-9.804%	-3.871%	-1.639%
0.000%	-3.737%	0.000%	-1.032%	0.000%	0.000%	0.000%	-1.899%	-2.733%
0.000%	1.218%	0.000%	-0.425%	0.000%	0.000%	-8.929%	-1.250%	0.297%

0.000%	-1.141%	0.000%	-0.739%	20.000%	-20.000%	0.000%	0.000%	-0.500%
0.000%	-0.127%	0.000%	0.106%	0.000%	0.000%	3.704%	0.000%	-0.879%
0.000%	-2.167%	0.000%	0.424%	0.000%	0.000%	0.000%	0.000%	-0.045%
0.000%	3.526%	0.000%	-0.247%	0.000%	0.000%	-3.571%	-5.325%	0.726%
0.000%	-1.391%	0.000%	0.248%	0.000%	0.000%	12.000%	-0.588%	1.473%
0.000%	-4.237%	0.000%	0.641%	0.000%	-0.990%	0.000%	-2.299%	-0.822%
0.000%	4.557%	0.000%	-0.847%	0.000%	0.000%	0.000%	0.000%	-2.232%
0.000%	-1.250%	0.000%	1.070%	7.143%	0.000%	0.000%	8.750%	2.283%
0.000%	-3.498%	0.000%	0.394%	-12.500%	0.000%	0.000%	-1.235%	3.546%
0.000%	4.015%	0.000%	-0.605%	0.000%	0.000%	0.000%	-3.571%	0.618%

Bosicor Pakistan	Pakistan Refinery Limited	Kashmir Polytex Limited	Callmate	Eye TV	Pak datacom	Southern Network	Worldcall telecom	TRG
-0.649%	-3.131%	86.667%	0.000%	-2.703%	-102.703%	2.941%	-0.990%	1.136%
-2.222%	-0.849%	100.000%	0.000%	3.352%	-96.648%	-4.225%	0.498%	-2.222%
0.639%	2.707%	100.000%	0.000%	0.000%	-100.000%	0.000%	-0.495%	-2.174%
-5.723%	1.396%	93.750%	0.000%	0.000%	-100.000%	1.429%	0.498%	1.657%
-2.353%	-0.023%	88.889%	0.000%	-3.243%	-103.243%	4.478%	-0.985%	-1.630%
2.102%	1.367%	120.000%	0.000%	0.000%	-100.000%	-1.471%	-0.490%	1.099%
-2.632%	-3.349%	100.000%	0.000%	0.000%	-100.000%	-6.849%	0.990%	-1.087%
-2.841%	-4.979%	107.143%	0.000%	-3.646%	-103.646%	2.817%	-2.885%	-1.604%
-1.124%	-0.453%	87.500%	0.000%	0.000%	-100.000%	-8.974%	-1.887%	0.538%
-0.559%	-1.256%	84.211%	0.000%	3.226%	-96.774%	0.000%	1.435%	-1.064%
-0.556%	0.064%	105.556%	0.000%	-5.584%	-105.584%	-4.878%	-0.948%	1.075%
-2.174%	-0.508%	100.000%	0.000%	0.510%	-99.490%	3.797%	0.476%	0.000%
3.081%	0.426%	97.297%	0.000%	-1.010%	-101.010%	-1.250%	-2.778%	-2.105%
-0.833%	1.293%	102.778%	-4.971%	2.062%	-97.938%	0.000%	-1.818%	0.000%
0.279%	2.723%	116.129%	-4.995%	0.000%	-100.000%	-4.762%	-2.222%	0.000%
1.127%	-0.155%	100.000%	-4.954%	1.042%	-98.958%	7.692%	2.273%	-1.042%
0.000%	3.311%	100.000%	-4.953%	6.667%	-93.333%	11.429%	1.852%	1.053%
2.899%	1.436%	100.000%	4.887%	-1.099%	-101.099%	2.941%	5.882%	0.000%
-3.900%	-0.986%	100.000%	4.968%	-5.208%	-105.208%	0.000%	-2.857%	0.000%
0.843%	-0.909%	83.784%	4.989%	0.000%	-100.000%	0.000%	2.439%	0.000%
-2.198%	-0.990%	105.714%	5.000%	0.000%	-100.000%	-2.857%	-0.485%	0.000%
-0.274%	-0.225%	100.000%	5.000%	-1.031%	-101.031%	-6.667%	0.488%	0.000%
0.000%	-0.558%	89.744%	4.987%	-1.523%	-101.523%	0.000%	-0.966%	0.000%
-1.617%	0.426%	108.333%	4.959%	0.000%	-100.000%	-1.316%	-1.429%	-1.554%
1.366%	2.529%	112.500%	4.989%	1.546%	-98.454%	7.042%	4.478%	-1.026%
0.000%	-0.298%	88.889%	4.932%	-1.020%	-101.020%	-6.579%	0.000%	2.632%
-0.813%	0.069%	92.308%	4.936%	3.158%	-96.842%	8.571%	1.515%	-0.524%
-1.072%	-1.357%	125.806%	4.929%	-2.062%	-102.062%	0.000%	-3.883%	-1.036%
-3.618%	1.679%	103.333%	5.000%	2.105%	-97.895%	1.449%	2.488%	3.763%
5.450%	1.613%	100.000%	2.888%	0.000%	-100.000%	-5.479%	-4.286%	0.000%
5.764%	-0.650%	88.235%	-0.983%	-3.061%	-103.061%	2.817%	5.000%	0.541%
0.872%	-3.453%	89.474%	3.996%	0.000%	-100.000%	-4.054%	2.041%	-0.538%
-3.641%	-3.463%	105.556%	0.938%	0.000%	-100.000%	-5.128%	-1.508%	-0.535%
-1.108%	-2.532%	133.333%	-2.202%	0.000%	-100.000%	-1.266%	-4.327%	-2.604%
-0.824%	1.066%	100.000%	-0.729%	0.000%	-100.000%	3.947%	-2.804%	4.348%
-2.674%	-3.854%	100.000%	4.971%	2.618%	-97.382%	-5.000%	-0.926%	-0.541%
1.630%	-2.440%	100.000%	10.105%	-2.051%	-102.051%	0.000%	-3.571%	2.778%
0.822%	-3.846%	108.000%	1.279%	0.000%	-100.000%	0.000%	0.901%	0.000%
-3.439%	3.277%	89.286%	-4.965%	0.000%	-100.000%	0.000%	0.000%	-0.552%
-1.563%	-5.000%	100.000%	-1.889%	-3.941%	-103.941%	-4.762%	-6.723%	-2.162%

-4.715%	1.923%	93.333%	-2.330%	2.010%	-97.990%	2.439%	-7.752%	-1.596%
0.499%	0.386%	100.000%	-4.186%	10.556%	-89.444%	5.128%	0.781%	-1.053%
1.263%	-0.193%	90.909%	0.939%	0.000%	-100.000%	-2.500%	0.787%	4.396%
0.763%	1.765%	100.000%	-4.911%	0.000%	-100.000%	2.564%	3.673%	-2.151%
0.000%	1.392%	110.000%	-1.060%	0.000%	-100.000%	-6.024%	-1.606%	-1.064%
-0.254%	-1.373%	100.000%	-0.176%	0.000%	-100.000%	1.220%	0.403%	1.622%
-0.505%	0.000%	100.000%	2.162%	-8.163%	-108.163%	0.000%	1.224%	1.648%
-1.247%	-0.585%	100.000%	-2.632%	-2.000%	-102.000%	0.000%	-4.297%	-1.087%
0.000%	-2.099%	93.750%	4.972%	11.111%	-88.889%	-1.205%	4.918%	-1.604%
0.250%	-1.873%	100.000%	4.928%	12.500%	-87.500%	-7.778%	-0.813%	-0.532%
-0.249%	0.755%	100.000%	3.604%	14.286%	-85.714%	9.756%	1.653%	1.075%
0.501%	-0.749%	94.118%	3.846%	7.692%	-92.308%	2.500%	2.542%	-1.064%
-0.746%	1.136%	100.000%	2.340%	0.000%	-100.000%	0.000%	-0.422%	-1.053%
-4.057%	-1.124%	109.677%	0.858%	0.000%	-100.000%	-2.439%	-1.660%	-0.524%
-3.456%	-0.317%	100.000%	0.431%	0.000%	-100.000%	-2.381%	5.240%	-1.546%
4.831%	-0.796%	81.579%	1.310%	0.000%	-100.000%	0.000%	3.620%	1.571%
5.076%	0.822%	100.000%	-4.979%	0.000%	-100.000%	0.000%	-1.339%	-1.546%
0.000%	0.677%	100.000%	-4.931%	0.000%	-100.000%	1.205%	0.901%	0.000%
0.000%	-0.654%	100.000%	3.681%	0.000%	-100.000%	0.000%	0.452%	0.000%
-1.500%	-0.168%	95.000%	4.936%	0.000%	-100.000%	-1.190%	-2.643%	-1.020%
0.756%	0.112%	114.286%	4.955%	0.000%	-100.000%	2.439%	3.653%	0.513%
0.761%	-0.778%	102.941%	3.136%	0.000%	-100.000%	-1.205%	3.302%	0.000%
0.767%	0.186%	94.444%	-2.270%	0.000%	-100.000%	2.469%	-1.395%	0.515%
-0.761%	-1.964%	100.000%	-4.962%	0.000%	-100.000%	-3.571%	-2.273%	0.000%
-1.500%	-0.018%	94.737%	-4.923%	0.000%	-100.000%	-5.618%	-1.786%	-0.513%
0.503%	-13.822%	100.000%	-2.792%	0.000%	-100.000%	0.000%	-0.885%	0.515%
-1.241%	0.330%	105.556%	-1.763%	0.000%	-100.000%	0.000%	0.444%	0.000%
-1.707%	-1.242%	100.000%	-4.935%	0.000%	-100.000%	-2.198%	0.000%	-1.523%
3.015%	0.312%	100.000%	2.286%	0.000%	-100.000%	2.247%	3.687%	-2.956%
0.000%	-0.295%	87.805%	-3.670%	0.000%	-100.000%	0.000%	-3.556%	3.571%
-0.251%	0.609%	95.349%	-1.536%	0.000%	-100.000%	0.000%	-0.442%	-0.508%
-0.993%	-0.652%	107.500%	-4.979%	0.000%	-100.000%	2.299%	2.262%	0.000%
0.000%	-1.918%	117.647%	1.569%	0.000%	-100.000%	-3.333%	-2.643%	-0.505%
-1.467%	-0.485%	89.474%	4.941%	0.000%	-100.000%	4.651%	1.794%	0.000%
0.245%	-0.752%	100.000%	4.995%	0.000%	-100.000%	-3.371%	6.190%	0.000%
0.741%	2.308%	105.556%	4.940%	6.557%	-93.443%	-1.111%	0.000%	0.508%
-1.937%	-1.649%	100.000%	-2.650%	0.000%	-100.000%	1.124%	2.439%	-0.505%
2.481%	0.456%	100.000%	-4.229%	0.000%	-100.000%	0.000%	2.500%	2.062%
-1.467%	0.000%	100.000%	-5.000%	0.000%	-100.000%	-1.111%	-1.478%	-1.523%
1.489%	3.476%	116.129%	0.000%	0.000%	-100.000%	-1.099%	6.842%	-0.505%
-4.953%	-3.958%	81.579%	-4.924%	0.000%	-100.000%	2.247%	-5.473%	-1.000%
-2.975%	2.129%	100.000%	-5.000%	0.000%	-100.000%	0.000%	-1.471%	0.000%
0.229%	4.989%	105.556%	-1.587%	0.000%	-100.000%	-1.111%	2.000%	2.564%
-4.386%	-4.986%	94.737%	-0.316%	0.000%	-100.000%	0.000%	-0.498%	-2.500%
0.441%	-0.184%	84.444%	0.158%	0.000%	-100.000%	-2.174%	0.000%	-0.498%
-0.439%	0.154%	104.651%	0.159%	0.000%	-100.000%	-1.075%	-3.828%	0.500%
-0.870%	1.563%	113.158%	-1.563%	0.000%	-100.000%	0.000%	0.481%	0.000%

1.996%	1.943%	102.703%	1.668%	0.000%	-100.000%	-1.064%	4.000%	0.000%
-2.802%	-0.962%	92.500%	-1.641%	0.000%	-100.000%	2.174%	-0.990%	0.000%
0.000%	-1.873%	97.561%	-0.775%	0.000%	-100.000%	0.000%	-1.463%	0.000%
-2.110%	-3.293%	102.500%	0.781%	0.000%	-100.000%	0.000%	-0.485%	0.000%
-1.863%	-0.149%	95.238%	-0.775%	0.000%	-100.000%	-2.128%	-1.905%	0.000%
1.899%	3.769%	100.000%	-1.677%	0.826%	-99.174%	-4.082%	1.449%	-0.498%
2.155%	5.000%	110.526%	0.768%	0.000%	-100.000%	0.000%	0.976%	0.000%
1.310%	4.404%	88.372%	5.000%	0.000%	-100.000%	0.000%	-2.381%	0.500%
1.104%	-0.960%	102.381%	-0.879%	0.000%	-100.000%	0.000%	1.449%	-0.498%
-1.522%	3.702%	97.674%	-4.939%	0.000%	-100.000%	-1.010%	-1.429%	0.500%
-2.748%	4.987%	100.000%	-4.982%	0.000%	-100.000%	-1.000%	-0.474%	-1.478%
4.878%	4.986%	100.000%	1.095%	0.000%	-100.000%	0.000%	-1.402%	0.995%
-1.957%	-1.198%	95.556%	-1.297%	0.000%	-100.000%	1.010%	-2.727%	-1.471%
0.656%	1.018%	107.143%	2.360%	0.000%	-100.000%	0.000%	1.382%	0.000%
-1.082%	-0.668%	95.455%	-0.805%	0.000%	-100.000%	0.000%	-3.125%	0.000%
-2.119%	0.038%	102.326%	4.992%	0.000%	-100.000%	7.609%	-3.448%	-0.488%
2.609%	0.345%	100.000%	5.000%	0.000%	-100.000%	-2.128%	-1.277%	2.500%
0.656%	1.854%	100.000%	4.996%	0.000%	-100.000%	0.000%	-1.261%	-0.990%
-1.931%	4.999%	87.755%	4.978%	0.000%	-100.000%	2.174%	1.277%	-0.980%
4.955%	4.990%	113.953%	4.944%	-6.923%	-106.923%	0.000%	5.856%	0.000%
4.965%	4.991%	97.727%	4.995%	0.000%	-100.000%	2.222%	9.901%	2.000%
-1.168%	-0.270%	88.000%	-1.827%	0.000%	-100.000%	-2.174%	5.208%	0.000%
1.905%	0.000%	113.636%	-1.979%	0.000%	-100.000%	2.222%	9.091%	0.000%
0.239%	0.068%	100.000%	0.284%	-7.143%	-107.143%	2.273%	7.317%	0.000%
1.946%	4.155%	100.000%	2.025%	0.000%	-100.000%	4.762%	-0.606%	0.000%
1.985%	-0.444%	100.000%	2.673%	0.000%	-100.000%	-10.638%	3.125%	0.000%
-4.048%	1.881%	86.275%	-3.626%	0.000%	-100.000%	-4.082%	-5.882%	0.000%
0.000%	-0.238%	98.077%	-0.190%	0.000%	-100.000%	4.255%	1.796%	0.000%
-0.709%	-1.543%	104.000%	-1.316%	0.000%	-100.000%	0.000%	4.375%	-0.990%
0.237%	3.086%	100.000%	-0.094%	0.000%	-100.000%	0.000%	-1.235%	0.498%
2.676%	2.042%	98.039%	-0.094%	0.000%	-100.000%	0.000%	-0.613%	0.000%
-4.419%	-4.979%	113.333%	-3.964%	0.000%	-100.000%	-4.082%	-8.939%	0.000%
-1.602%	1.857%	81.818%	-3.562%	0.000%	-100.000%	0.000%	-2.717%	-2.427%
4.796%	5.000%	110.000%	4.732%	0.000%	-100.000%	2.083%	1.657%	-0.962%
5.038%	2.564%	116.279%	4.967%	0.000%	-100.000%	2.128%	3.429%	2.970%
-3.641%	-4.318%	87.755%	-4.991%	0.000%	-100.000%	-4.082%	-2.778%	0.498%
-4.630%	-4.988%	87.500%	-5.000%	-12.500%	-112.500%	6.522%	-3.743%	-0.495%
-4.425%	-0.740%	100.000%	-0.515%	14.286%	-85.714%	-8.000%	5.056%	-0.493%
0.444%	1.029%	101.818%	-1.186%	0.000%	-100.000%	2.041%	2.299%	0.000%
-1.747%	-4.997%	98.214%	-0.590%	0.000%	-100.000%	-2.000%	-3.333%	0.000%
-0.218%	-5.000%	96.552%	2.593%	0.000%	-100.000%	5.263%	0.000%	-1.932%
4.795%	0.042%	95.082%	4.991%	0.000%	-100.000%	-7.767%	6.509%	-3.721%
4.785%	4.361%	100.000%	4.952%	0.000%	-100.000%	6.186%	0.595%	5.392%
5.025%	1.521%	95.313%	5.000%	0.000%	-100.000%	11.494%	3.067%	2.000%
-4.785%	-4.993%	103.226%	-4.215%	0.000%	-100.000%	-1.136%	-1.807%	-0.498%
-5.000%	-4.986%	89.855%	-4.658%	0.000%	-100.000%	-9.278%	-2.353%	-0.495%
-1.345%	-0.920%	138.000%	0.000%	0.000%	-100.000%	-3.000%	-2.299%	0.498%

1.134%	0.080%	83.333%	0.000%	0.000%	-100.000%	0.000%	8.750%	0.000%
-4.957%	-4.983%	88.235%	-4.948%	0.000%	-100.000%	-9.091%	-6.977%	3.077%
-3.333%	-1.903%	100.000%	-2.207%	0.000%	-100.000%	-3.509%	-3.371%	-2.985%
0.840%	1.515%	95.775%	-1.174%	0.000%	-100.000%	1.786%	1.136%	-0.495%
0.634%	-1.749%	101.429%	-1.161%	-12.500%	-112.500%	-1.754%	0.000%	0.498%
3.050%	-0.757%	100.000%	1.259%	0.000%	-100.000%	0.000%	4.762%	-0.495%
4.795%	-5.000%	101.449%	4.934%	0.000%	-100.000%	0.885%	3.067%	1.000%
-0.905%	3.261%	98.571%	-4.381%	0.000%	-100.000%	0.000%	-1.212%	-0.498%
-3.070%	1.173%	101.449%	-1.083%	0.000%	-100.000%	-0.877%	3.125%	0.500%
-5.000%	-3.228%	93.243%	-4.762%	0.000%	-100.000%	0.000%	-8.571%	0.000%
-2.834%	-1.606%	98.667%	-3.670%	0.000%	-100.000%	-0.870%	-5.405%	-1.961%
-0.202%	-0.521%	97.403%	-0.759%	0.000%	-100.000%	-1.709%	7.558%	0.990%
2.697%	-0.191%	98.718%	1.385%	0.000%	-100.000%	0.862%	2.381%	0.498%
-1.230%	-0.328%	100.000%	-0.915%	0.000%	-100.000%	5.455%	1.205%	-0.495%
-0.204%	-1.531%	123.810%	-0.228%	0.000%	-100.000%	-11.290%	-2.353%	0.498%
1.875%	2.654%	78.750%	0.305%	0.000%	-100.000%	12.727%	1.796%	0.500%
-1.437%	-1.901%	117.647%	-0.907%	0.000%	-100.000%	0.917%	-0.595%	-2.439%
4.957%	1.372%	133.333%	5.000%	0.000%	-100.000%	-0.909%	3.704%	2.500%
-8.481%	-0.690%	134.211%	-4.977%	0.000%	-100.000%	-6.780%	-2.994%	-0.498%
-4.878%	-1.310%	108.571%	-4.946%	0.000%	-100.000%	-1.667%	-7.222%	-3.828%
0.188%	-0.726%	87.500%	-4.387%	0.000%	-100.000%	-2.439%	-1.099%	-1.878%
-3.097%	-1.284%	100.000%	0.690%	0.000%	-100.000%	0.000%	-1.622%	-0.930%
-2.139%	-0.050%	100.000%	1.471%	0.000%	-100.000%	-0.806%	-4.639%	-1.376%
-0.178%	0.050%	100.000%	-0.833%	0.000%	-100.000%	0.000%	2.646%	3.810%
0.178%	-0.712%	93.023%	-0.069%	0.000%	-100.000%	0.000%	0.000%	-2.326%
-0.355%	3.389%	104.878%	-1.030%	0.000%	-100.000%	-3.125%	-3.077%	-4.867%
-1.745%	-0.966%	100.000%	-0.274%	0.000%	-100.000%	3.226%	1.563%	0.444%
1.776%	-0.355%	95.349%	-0.545%	6.667%	-93.333%	5.085%	1.053%	3.687%
4.259%	0.000%	100.000%	1.102%	0.000%	-100.000%	4.425%	-2.564%	-3.556%
-9.850%	-3.896%	100.000%	-4.849%	0.000%	-100.000%	-7.377%	-3.941%	-0.881%
-4.921%	-1.282%	100.000%	-1.421%	0.000%	-100.000%	0.000%	0.495%	-3.814%
-1.099%	0.824%	95.556%	-1.149%	0.000%	-100.000%	0.000%	-0.980%	-1.667%
-1.546%	-1.731%	97.826%	1.556%	0.000%	-100.000%	-1.613%	-0.488%	0.000%
3.520%	-1.594%	100.000%	-3.504%	0.000%	-100.000%	-1.587%	4.592%	-2.439%
-2.648%	1.154%	85.185%	-1.358%	0.000%	-100.000%	0.000%	-2.000%	-1.992%
0.313%	-5.000%	135.000%	2.273%	0.000%	-100.000%	5.000%	0.000%	0.803%
-2.439%	0.211%	100.000%	-4.463%	-3.226%	-103.226%	-6.250%	-1.961%	-0.797%
4.459%	-1.526%	100.000%	2.346%	-8.824%	-108.824%	-1.538%	-2.392%	2.869%
1.948%	1.033%	100.000%	4.990%	0.000%	-100.000%	-0.763%	-0.948%	2.521%
0.163%	0.300%	100.000%	4.966%	0.000%	-100.000%	-1.504%	2.927%	-3.252%
-2.070%	-0.448%	100.000%	-2.261%	0.000%	-100.000%	2.308%	-2.844%	-1.600%
1.127%	0.905%	100.000%	-0.397%	0.000%	-100.000%	-2.985%	-1.860%	0.806%
0.485%	4.196%	100.000%	-0.658%	0.000%	-100.000%	3.077%	0.000%	-1.195%
-1.905%	5.000%	97.561%	-2.188%	0.000%	-100.000%	0.000%	0.939%	0.803%
-0.474%	1.542%	97.619%	-1.333%	0.000%	-100.000%	-1.515%	-0.930%	-0.400%
-0.158%	0.168%	105.000%	1.744%	0.000%	-100.000%	1.538%	0.467%	0.000%
1.116%	-0.700%	100.000%	4.949%	0.000%	-100.000%	0.000%	0.000%	5.932%

-1.260%	-0.629%	95.238%	0.340%	0.000%	-100.000%	0.775%	-0.926%	0.000%
0.475%	-0.854%	100.000%	-0.943%	0.000%	-100.000%	-3.008%	-0.917%	-0.840%
0.797%	-0.766%	110.526%	0.270%	0.000%	-100.000%	-1.481%	-0.457%	-0.833%
-2.184%	-5.000%	92.683%	-1.399%	12.583%	-87.417%	-2.174%	-1.351%	-1.235%
-2.287%	0.467%	102.500%	-7.914%	0.000%	-100.000%	-1.429%	-2.203%	-1.619%
4.960%	1.101%	100.000%	4.220%	0.000%	-100.000%	0.000%	-1.304%	0.407%
4.866%	0.047%	100.000%	4.966%	0.000%	-100.000%	11.111%	1.770%	1.653%
4.930%	-1.289%	88.889%	2.195%	0.000%	-100.000%	-1.563%	0.000%	-0.820%
4.991%	0.625%	109.756%	-1.153%	0.000%	-100.000%	0.000%	-0.877%	0.000%
4.845%	0.000%	100.000%	-4.407%	0.000%	-100.000%	-1.538%	-2.146%	-1.215%
3.200%	3.728%	100.000%	-4.988%	0.000%	-100.000%	0.000%	1.747%	3.347%
-0.990%	1.148%	100.000%	4.036%	0.000%	-100.000%	0.000%	3.620%	2.137%
-1.559%	1.329%	100.000%	4.976%	0.000%	-100.000%	0.000%	0.455%	4.000%
-5.000%	-4.596%	93.182%	4.940%	0.000%	-100.000%	0.000%	-4.348%	-3.017%
-4.930%	-3.517%	100.000%	4.963%	0.000%	-100.000%	4.000%	0.877%	-3.333%
-1.217%	1.837%	95.652%	-4.323%	0.000%	-100.000%	2.459%	2.242%	9.091%
-4.959%	-5.000%	100.000%	-4.983%	0.000%	-100.000%	1.667%	-5.508%	-7.950%
-2.733%	4.482%	115.000%	-19.989%	0.000%	-100.000%	0.000%	0.426%	6.222%
-4.893%	-4.572%	88.889%	-9.990%	0.000%	-100.000%	-6.977%	-4.082%	-8.163%
-0.909%	-0.587%	100.000%	-4.977%	-11.696%	-111.696%	-0.769%	2.083%	-2.000%
-1.639%	1.503%	86.538%	1.878%	0.000%	-100.000%	3.175%	-1.639%	2.459%
0.149%	-0.163%	104.000%	3.599%	0.000%	-100.000%	0.000%	5.172%	-3.557%
4.851%	-1.029%	106.383%	4.952%	0.000%	-100.000%	0.000%	1.310%	1.606%
-4.911%	-2.857%	100.000%	-4.995%	0.000%	-100.000%	-3.077%	-5.761%	-6.391%
-4.545%	3.550%	94.000%	-4.977%	0.000%	-100.000%	-1.515%	-2.016%	-4.317%
2.475%	-0.515%	96.154%	-2.952%	0.000%	-100.000%	0.763%	-1.587%	-0.714%
4.885%	-1.379%	104.000%	0.000%	0.000%	-100.000%	0.769%	0.000%	-2.098%
-0.456%	0.000%	96.154%	-1.062%	0.000%	-100.000%	-4.412%	-1.946%	-3.051%
-1.201%	-1.006%	100.000%	-1.224%	0.000%	-100.000%	-2.158%	-1.154%	-1.667%
0.604%	-0.571%	100.000%	-1.209%	0.000%	-100.000%	2.963%	-2.985%	-1.961%
4.913%	-3.288%	91.228%	2.297%	0.000%	-100.000%	-2.174%	0.375%	1.325%
2.769%	-0.577%	109.615%	4.961%	0.000%	-100.000%	-1.429%	5.952%	4.861%
-3.002%	-1.488%	100.000%	3.652%	0.000%	-100.000%	2.941%	-0.395%	-4.000%
0.476%	0.408%	96.296%	-1.654%	0.000%	-100.000%	-2.857%	8.584%	-2.280%
-2.628%	0.409%	100.000%	-4.599%	0.000%	-100.000%	-4.110%	-3.320%	-2.540%
-0.154%	-0.610%	108.000%	-0.493%	0.000%	-100.000%	-2.667%	-5.118%	5.351%
0.621%	-1.667%	100.000%	-0.491%	0.000%	-100.000%	8.696%	-1.167%	0.336%
-1.529%	1.640%	100.000%	0.810%	0.000%	-100.000%	6.154%	8.439%	3.114%
4.976%	-2.083%	98.039%	-2.287%	0.000%	-100.000%	-1.515%	9.217%	1.049%
-4.885%	-0.803%	100.000%	-0.612%	0.000%	-100.000%	0.000%	-3.556%	-2.721%
-1.207%	-0.039%	100.000%	-1.422%	0.000%	-100.000%	-0.752%	-0.442%	-1.010%
4.905%	-0.105%	87.931%	1.398%	0.000%	-100.000%	-3.623%	-1.739%	-3.571%
4.983%	0.158%	113.725%	5.000%	-10.000%	-110.000%	3.759%	-2.542%	-4.644%
4.878%	0.079%	100.000%	-1.978%	0.000%	-100.000%	0.000%	2.609%	3.526%
4.936%	-0.394%	92.727%	-4.998%	5.556%	-94.444%	-0.746%	-0.862%	6.122%
4.990%	-0.522%	107.843%	-4.992%	-5.263%	-105.263%	-4.286%	1.310%	4.626%
4.829%	0.262%	94.444%	4.985%	0.000%	-100.000%	-3.448%	-6.148%	1.812%

3.112%	0.659%	100.000%	4.964%	7.955%	-92.045%	16.000%	-0.408%	7.393%
1.474%	-0.053%	108.000%	4.977%	-9.744%	-109.744%	4.167%	1.660%	3.629%
0.849%	-0.079%	92.593%	3.298%	0.000%	-100.000%	-1.639%	7.111%	0.813%
-1.050%	-0.262%	103.846%	4.990%	0.000%	-100.000%	-0.813%	9.756%	-0.405%
0.000%	0.263%	100.000%	4.971%	0.000%	-100.000%	0.820%	2.500%	-3.137%
-0.833%	0.000%	96.296%	4.994%	0.000%	-100.000%	0.826%	0.000%	0.394%
-1.437%	-0.498%	103.846%	4.947%	0.000%	-100.000%	-1.626%	0.000%	-2.308%
-0.815%	1.840%	92.857%	0.652%	0.000%	-100.000%	-0.806%	2.564%	0.000%
2.292%	1.078%	109.804%	-0.118%	0.000%	-100.000%	-0.800%	1.036%	-1.141%
0.000%	0.000%	87.931%	4.972%	0.000%	-100.000%	0.806%	-0.515%	-1.128%

Mari Gas	Atlas Honda Ltd	Ghandhara Industries Ltd	Ghandhara Nissan Ltd	Ghani Automobile Industries (Ghani Textile)	Hino Pak Motors Ltd	Indus Motor Co Ltd	Millat Tractors Ltd	Saif Nadeem Kawasaki Motors Ltd
-0.445%	0.000%	2.314%	-2.500%	0.000%	-1.472%	2.458%	-1.873%	0.000%
0.529%	-0.165%	-0.493%	2.362%	-8.696%	-1.636%	-2.174%	1.521%	8.000%
5.000%	0.000%	-0.977%	2.008%	9.524%	1.924%	-0.509%	-1.762%	-16.667%
-2.581%	-0.820%	-3.002%	-0.400%	-8.696%	1.895%	1.813%	0.000%	0.000%
-3.534%	2.694%	-2.914%	0.000%	-8.000%	0.000%	-1.026%	-0.707%	0.000%
1.014%	4.993%	1.716%	4.822%	-3.846%	0.000%	0.000%	2.536%	0.000%
-2.953%	-4.996%	0.945%	-3.049%	-1.515%	0.000%	-0.561%	-3.158%	0.000%
-1.550%	-1.162%	-1.090%	2.287%	0.000%	2.000%	-0.960%	0.000%	0.000%
-1.527%	0.417%	-0.156%	-3.800%	0.000%	-1.316%	-0.950%	-1.196%	0.000%
-0.758%	0.000%	-1.077%	0.000%	-1.493%	2.013%	-0.150%	-0.190%	0.000%
0.000%	0.000%	-1.065%	0.000%	1.132%	1.017%	0.100%	1.297%	0.000%
0.763%	-1.639%	2.817%	0.000%	6.855%	0.340%	0.503%	-0.592%	0.000%
-1.578%	1.667%	1.429%	0.000%	-6.767%	0.685%	1.272%	-1.034%	0.000%
-0.672%	2.084%	-2.928%	-2.913%	7.258%	-3.375%	-1.750%	1.933%	0.000%
0.187%	-0.466%	1.565%	0.000%	8.297%	0.066%	-1.961%	0.530%	0.000%
2.099%	-0.756%	0.630%	0.000%	9.048%	0.667%	0.741%	-0.702%	0.000%
0.769%	-0.833%	4.785%	0.980%	0.000%	0.000%	1.938%	-1.042%	0.000%
0.000%	0.000%	-2.258%	0.000%	0.000%	-2.534%	-0.675%	1.408%	0.000%
-2.985%	0.418%	-1.274%	-0.196%	0.000%	1.317%	-0.941%	-1.730%	0.000%
-0.593%	1.228%	-1.567%	-2.107%	0.962%	-1.171%	-0.025%	1.404%	0.000%
-1.606%	-4.798%	2.903%	0.385%	0.000%	-0.130%	-0.370%	0.707%	0.000%
4.981%	0.000%	-2.669%	0.971%	0.000%	3.636%	1.198%	-1.049%	0.000%
2.353%	0.000%	-4.925%	-1.905%	4.000%	-2.303%	-4.391%	-1.004%	0.000%
1.594%	3.333%	0.149%	5.000%	0.000%	0.000%	-0.711%	-0.035%	0.000%
3.292%	0.418%	-1.036%	-3.661%	2.564%	0.000%	0.476%	1.014%	0.000%
0.000%	1.702%	1.961%	2.367%	-2.500%	0.000%	0.768%	0.000%	0.000%
-1.139%	-2.083%	3.594%	-0.197%	-7.407%	0.000%	4.987%	-3.017%	0.000%
-0.887%	-0.826%	-3.030%	-4.869%	0.465%	4.110%	0.253%	2.253%	0.000%
-0.442%	0.833%	-1.493%	1.714%	0.000%	-0.680%	0.508%	0.874%	0.000%
-0.080%	0.042%	-0.741%	0.962%	0.000%	0.000%	0.767%	-0.348%	20.000%
-0.875%	2.785%	0.000%	0.000%	2.381%	0.000%	-0.255%	0.490%	6.383%
-0.278%	4.664%	-3.433%	-0.383%	-4.545%	0.000%	0.384%	0.018%	4.444%
-3.000%	0.225%	-2.238%	-2.793%	0.000%	-3.543%	-2.375%	-0.349%	-25.000%
-4.762%	-3.680%	-0.694%	2.286%	0.000%	3.462%	0.000%	-1.190%	0.000%
0.962%	-3.790%	0.699%	1.942%	0.000%	-4.288%	-0.990%	0.000%	0.000%
-1.314%	-4.986%	-3.248%	-2.091%	0.000%	1.921%	-1.222%	-0.344%	0.000%
1.481%	-3.807%	-1.467%	10.042%	0.000%	1.889%	3.283%	1.394%	0.000%
-0.990%	-4.991%	-1.055%	1.271%	0.000%	1.507%	-1.000%	-0.382%	0.000%
-4.983%	-4.983%	-2.067%	-4.839%	0.000%	-3.884%	-0.990%	-0.655%	0.000%
4.136%	-3.642%	0.389%	-0.201%	0.000%	3.686%	2.538%	-1.695%	0.000%

4.990%	-1.948%	-4.224%	4.193%	-2.655%	-2.236%	-3.194%	-1.007%	0.000%
5.000%	-0.645%	3.205%	-0.625%	0.000%	3.810%	-0.732%	-0.667%	0.000%
4.998%	0.682%	0.000%	-0.621%	0.444%	-4.970%	-1.655%	-0.233%	-18.919%
2.277%	-0.677%	1.299%	-1.829%	0.000%	2.635%	-1.929%	-16.472%	0.000%
-1.356%	-0.641%	2.667%	0.000%	0.000%	0.000%	-0.909%	-0.963%	0.000%
-0.548%	-0.637%	-2.089%	0.000%	0.000%	-0.068%	0.023%	-1.357%	0.000%
-0.294%	0.000%	4.932%	-2.187%	-2.174%	0.068%	-0.233%	-0.405%	0.000%
-2.459%	0.512%	4.885%	-4.915%	0.000%	0.000%	0.915%	0.000%	0.000%
0.826%	0.450%	4.977%	-1.121%	2.222%	0.000%	0.000%	1.370%	-1.333%
4.220%	-0.924%	4.905%	0.375%	0.000%	0.068%	1.477%	2.817%	0.000%
0.086%	-0.633%	4.983%	4.921%	0.000%	4.155%	0.865%	2.011%	0.000%
-0.086%	0.000%	4.878%	4.959%	-2.174%	1.068%	0.144%	0.144%	0.000%
-1.610%	-0.535%	4.936%	4.086%	4.545%	4.151%	0.000%	0.448%	0.000%
4.194%	0.506%	-2.842%	0.000%	-4.348%	0.000%	-0.048%	-0.874%	0.000%
-0.658%	0.000%	-0.530%	-1.274%	0.000%	0.000%	1.291%	2.647%	0.000%
0.885%	0.000%	2.166%	-2.887%	0.000%	4.574%	-0.364%	-2.017%	0.000%
0.000%	0.000%	0.911%	-3.386%	0.000%	-3.443%	0.000%	1.166%	0.000%
-0.441%	-0.629%	2.425%	-0.986%	0.000%	4.990%	0.000%	1.180%	0.000%
-1.261%	-1.852%	2.095%	1.400%	0.000%	0.197%	-0.962%	-0.877%	0.000%
-1.710%	1.887%	-2.235%	-1.768%	0.000%	-4.367%	-0.264%	-3.662%	0.000%
-0.256%	-16.316%	-2.541%	-2.115%	0.000%	0.000%	-3.225%	-1.934%	0.000%
-0.213%	0.000%	2.991%	-4.936%	4.545%	-1.557%	0.233%	0.416%	-3.846%
-1.094%	-2.062%	-0.558%	-1.441%	0.000%	2.274%	-0.371%	-3.867%	0.000%
-0.917%	-2.513%	-1.103%	-0.538%	0.000%	4.641%	-0.093%	-0.794%	0.000%
0.335%	-0.995%	0.000%	1.455%	-4.348%	-2.438%	-0.438%	3.279%	0.000%
1.271%	-0.273%	0.741%	0.548%	0.000%	-5.000%	-0.573%	2.809%	0.000%
0.000%	0.274%	0.746%	0.000%	0.000%	2.719%	-0.092%	2.006%	0.000%
-1.708%	-1.951%	-3.770%	0.923%	0.000%	2.636%	2.535%	-0.852%	0.000%
2.170%	0.244%	1.642%	3.042%	0.000%	3.739%	0.047%	1.004%	0.000%
-0.424%	-1.918%	-0.725%	3.137%	0.000%	-3.380%	-0.023%	0.144%	-2.500%
-2.479%	-0.950%	-1.429%	-4.673%	0.000%	3.790%	-0.023%	-0.571%	25.000%
-0.412%	4.988%	3.131%	0.753%	0.000%	-4.981%	-0.467%	0.000%	0.000%
0.372%	-1.353%	-1.986%	-1.301%	0.000%	-1.658%	0.047%	-2.235%	0.000%
-3.430%	-4.979%	-4.483%	-3.063%	0.000%	2.077%	-0.972%	0.000%	-8.571%
0.885%	-4.997%	-0.855%	-3.478%	0.000%	-1.515%	-1.706%	0.845%	0.000%
0.000%	-5.000%	0.862%	0.000%	0.000%	-2.222%	0.687%	1.111%	16.667%
-1.740%	-4.762%	-0.344%	0.000%	0.000%	-0.735%	-4.150%	0.314%	0.000%
1.525%	5.000%	2.285%	-0.519%	0.000%	-2.857%	2.568%	2.339%	0.000%
-1.112%	3.947%	1.066%	2.301%	0.000%	-1.408%	0.909%	2.090%	0.000%
1.655%	2.564%	-3.431%	-2.418%	0.000%	4.412%	1.149%	-0.298%	-7.692%
-4.985%	-4.980%	-0.850%	3.209%	0.000%	0.000%	-0.229%	-0.297%	0.000%
0.501%	0.494%	-4.545%	-4.915%	0.000%	0.000%	0.138%	-2.021%	0.000%
0.232%	1.129%	4.940%	3.691%	0.000%	-0.293%	1.256%	1.162%	0.000%
-4.111%	0.087%	-0.508%	1.607%	0.000%	0.000%	-1.826%	-1.449%	0.000%
4.895%	-0.109%	-4.221%	-1.408%	-4.167%	4.923%	0.023%	1.471%	0.000%
-0.233%	-0.540%	-2.222%	1.429%	0.000%	-1.887%	-0.477%	1.493%	0.000%
-0.884%	-0.984%	-3.963%	-0.533%	2.128%	0.000%	0.000%	0.000%	0.000%

-0.268%	0.776%	-4.928%	-1.054%	2.174%	0.000%	1.852%	0.000%	-18.750%
0.000%	-0.408%	0.000%	3.267%	2.222%	1.106%	-1.370%	-0.888%	-5.882%
1.084%	0.626%	2.071%	0.000%	0.000%	-1.466%	-1.617%	0.896%	0.000%
-3.729%	-0.857%	-4.923%	-2.650%	0.000%	0.000%	1.182%	-2.118%	0.000%
4.971%	0.000%	-2.066%	-1.565%	-7.025%	0.000%	-2.200%	0.073%	0.000%
0.591%	0.647%	-0.412%	-3.361%	0.000%	0.000%	-2.174%	0.000%	6.250%
0.994%	-0.429%	0.000%	1.190%	0.000%	-4.728%	5.000%	-0.292%	11.111%
0.199%	-0.640%	-4.954%	0.000%	0.000%	4.962%	0.000%	-0.867%	-7.692%
0.561%	0.860%	0.524%	-4.235%	0.000%	3.583%	0.000%	4.864%	0.000%
-1.344%	-1.483%	-1.802%	-2.540%	0.000%	0.000%	1.436%	0.902%	-2.500%
-0.040%	-0.106%	5.000%	1.613%	0.000%	0.000%	-0.850%	-0.305%	0.000%
1.851%	5.000%	0.135%	0.000%	-1.224%	4.988%	0.577%	-0.606%	-1.235%
-1.895%	-2.174%	0.544%	0.000%	0.000%	0.000%	0.231%	1.852%	32.787%
2.137%	0.109%	-3.162%	0.162%	0.000%	0.164%	1.504%	0.093%	0.000%
-1.665%	0.328%	-3.802%	-1.746%	0.823%	-2.748%	1.333%	0.000%	0.000%
-0.709%	0.000%	-4.940%	-1.563%	0.000%	-2.787%	0.000%	-0.077%	0.000%
1.559%	-0.478%	-2.007%	-3.030%	1.250%	-4.967%	1.327%	-0.323%	0.000%
-2.381%	0.000%	4.957%	0.000%	-7.692%	3.346%	1.668%	2.201%	0.000%
0.078%	0.043%	4.941%	-1.493%	0.000%	-3.238%	4.538%	0.633%	0.000%
3.101%	0.000%	4.911%	1.669%	0.000%	0.000%	0.515%	-1.250%	0.000%
0.730%	0.000%	4.864%	2.969%	0.000%	0.000%	0.518%	0.000%	0.000%
-0.645%	-0.390%	4.955%	0.629%	0.000%	2.257%	1.472%	0.000%	0.000%
-1.548%	1.272%	4.882%	4.778%	0.000%	4.440%	-1.118%	0.000%	0.000%
0.438%	0.220%	4.959%	4.655%	8.333%	-4.966%	0.680%	1.507%	0.000%
2.408%	-0.633%	4.853%	0.000%	-2.041%	-0.446%	-0.985%	0.079%	0.000%
1.240%	1.756%	4.909%	-3.333%	-3.543%	-1.103%	-0.413%	0.000%	0.000%
-2.419%	0.000%	0.000%	-0.332%	0.000%	3.422%	0.911%	-1.563%	0.000%
-0.800%	-0.089%	4.962%	-4.444%	0.000%	-4.710%	-2.041%	-2.141%	0.000%
0.806%	-1.874%	-4.900%	3.279%	0.000%	-0.719%	0.000%	0.000%	1.667%
0.000%	0.968%	-4.836%	3.390%	0.000%	-2.729%	1.818%	3.810%	-1.639%
1.806%	2.851%	-4.770%	1.724%	8.085%	3.551%	-0.130%	0.000%	0.000%
-3.715%	0.000%	-5.000%	-0.855%	0.000%	-1.288%	0.916%	-2.174%	0.000%
-4.708%	-0.719%	1.587%	-3.146%	0.000%	3.632%	-0.573%	-0.310%	0.000%
2.987%	5.000%	5.000%	4.861%	2.174%	3.095%	3.530%	1.254%	0.000%
4.415%	4.950%	-4.000%	3.041%	-8.000%	-4.975%	4.979%	2.244%	0.000%
-4.965%	-3.810%	0.000%	-4.932%	-3.846%	0.000%	-2.885%	-2.500%	-6.154%
-4.974%	1.892%	-4.871%	-4.390%	-3.346%	-4.969%	-4.211%	3.060%	8.333%
4.992%	-1.388%	-4.783%	-3.906%	0.000%	4.545%	-0.524%	-1.429%	-1.639%
5.000%	0.000%	-4.959%	3.560%	3.462%	3.820%	-0.026%	1.613%	0.000%
0.000%	-4.018%	-0.548%	-1.592%	0.000%	0.000%	-0.131%	-3.125%	0.000%
-0.241%	0.346%	0.000%	-4.559%	0.000%	-3.680%	-1.923%	-3.089%	0.000%
4.983%	0.463%	0.137%	4.944%	-2.985%	-4.938%	-1.960%	-1.330%	0.000%
4.965%	4.854%	0.000%	4.849%	3.077%	4.892%	4.408%	4.972%	0.000%
4.979%	1.478%	-0.137%	4.912%	0.000%	-1.348%	4.986%	4.610%	0.000%
-4.996%	-2.638%	0.000%	-5.000%	3.586%	3.947%	-4.974%	3.480%	0.000%
-4.998%	-1.185%	1.248%	-4.762%	0.400%	-3.557%	-0.417%	-5.000%	0.000%
-2.016%	1.442%	-4.881%	-4.545%	0.000%	-4.970%	2.622%	0.000%	-6.154%

-0.082%	-0.905%	2.019%	-0.151%	-7.407%	1.301%	1.687%	2.276%	0.000%
-5.000%	1.868%	0.270%	-4.892%	-5.263%	-0.545%	-4.767%	-3.747%	-8.451%
-2.846%	-1.056%	-4.878%	-0.856%	0.000%	0.000%	-2.055%	0.000%	0.000%
-0.491%	-1.303%	-4.884%	-2.639%	0.000%	0.000%	1.808%	-4.576%	0.000%
2.636%	2.902%	-0.967%	-2.041%	1.423%	-4.984%	0.415%	0.000%	16.393%
1.415%	-2.357%	4.949%	3.521%	-6.333%	0.000%	-0.542%	0.000%	0.000%
4.262%	1.695%	1.155%	1.429%	7.143%	-0.323%	2.161%	1.695%	-23.750%
-4.314%	-0.482%	-5.000%	-4.632%	0.000%	4.027%	-0.940%	0.000%	-1.235%
-1.316%	-0.144%	0.861%	-3.675%	0.000%	0.000%	-1.187%	-1.218%	0.000%
-5.000%	0.874%	-4.912%	-4.988%	0.000%	4.930%	-0.103%	-1.647%	0.000%
-3.546%	-0.483%	-5.000%	1.777%	0.000%	0.000%	-1.523%	-0.299%	0.000%
0.356%	-0.719%	-2.703%	1.416%	0.000%	-0.630%	-1.500%	0.149%	0.000%
1.371%	2.457%	0.000%	5.000%	0.000%	0.000%	4.058%	0.753%	0.000%
-1.000%	-0.489%	-4.933%	3.352%	-6.667%	1.061%	-0.415%	-0.315%	32.787%
0.575%	0.024%	0.413%	-1.513%	0.000%	-4.973%	-1.026%	0.924%	0.000%
0.144%	0.221%	1.148%	-1.491%	0.000%	0.000%	-0.637%	1.538%	0.000%
-1.905%	-0.971%	-9.366%	-1.337%	0.000%	-0.067%	-4.268%	-2.402%	0.000%
4.963%	0.733%	-4.946%	4.178%	0.000%	3.763%	3.535%	2.778%	0.000%
-4.930%	-0.244%	-4.957%	-4.901%	0.000%	-4.967%	-2.894%	-2.410%	0.000%
-4.698%	0.269%	-0.847%	-3.205%	-6.250%	2.027%	-3.753%	-3.768%	0.000%
-0.067%	-1.707%	4.982%	-1.515%	-1.538%	0.339%	-5.000%	-0.361%	0.000%
-0.600%	-1.445%	4.949%	-1.615%	0.000%	-4.839%	-0.889%	-1.071%	0.000%
0.000%	-3.188%	5.000%	-3.245%	0.000%	3.333%	3.998%	-2.670%	-3.175%
-3.877%	-0.683%	4.938%	-1.655%	-4.412%	-3.784%	4.999%	1.668%	0.000%
0.677%	-3.686%	4.968%	0.475%	0.000%	2.230%	4.994%	4.987%	0.000%
-2.516%	0.618%	4.989%	4.988%	0.000%	4.452%	-0.254%	1.936%	0.000%
-0.935%	4.983%	5.000%	4.974%	-5.292%	0.000%	-0.631%	2.164%	-10.000%
1.905%	4.988%	5.000%	4.945%	3.757%	2.817%	1.799%	4.947%	0.000%
5.000%	3.266%	-67.480%	4.899%	0.000%	-2.001%	3.457%	2.070%	0.000%
-1.023%	-0.301%	4.237%	-3.878%	0.000%	0.000%	-3.590%	-0.723%	0.000%
-3.471%	0.808%	-3.673%	-5.000%	4.848%	0.000%	-0.510%	-1.871%	2.941%
-3.976%	-1.980%	-4.483%	-6.173%	0.000%	2.042%	-1.705%	1.307%	-15.000%
0.926%	0.498%	-10.000%	-4.930%	-2.941%	-4.054%	-0.300%	0.328%	3.896%
-0.613%	-0.618%	-5.000%	-4.911%	3.030%	0.000%	0.000%	-1.613%	11.594%
-1.955%	-1.844%	4.969%	1.243%	-4.348%	-1.333%	-3.846%	0.813%	0.000%
0.151%	-0.937%	4.996%	4.982%	0.291%	-2.597%	0.000%	0.000%	-17.857%
-1.190%	-0.478%	4.975%	-3.547%	0.000%	3.844%	-0.952%	-0.162%	5.000%
-3.448%	-1.415%	4.980%	4.922%	-3.099%	-4.936%	-1.176%	-0.081%	0.000%
-3.064%	-0.493%	4.972%	-1.537%	1.429%	-1.015%	-1.620%	-0.243%	0.000%
1.241%	-0.907%	4.998%	4.963%	1.156%	3.310%	-1.144%	0.325%	0.000%
-1.990%	0.000%	4.965%	4.948%	1.170%	-1.676%	3.530%	-0.324%	0.000%
2.784%	0.467%	4.966%	4.918%	-5.000%	-5.339%	5.000%	0.980%	0.000%
1.734%	1.374%	4.954%	0.549%	0.000%	3.734%	1.772%	-0.649%	0.000%
-0.860%	2.476%	4.984%	1.111%	-2.703%	0.158%	-0.253%	0.163%	0.000%
-4.068%	2.335%	4.946%	2.273%	2.778%	1.774%	0.508%	0.556%	-2.439%
1.224%	0.274%	4.952%	-0.845%	4.348%	0.649%	0.203%	1.595%	0.000%
4.996%	0.050%	4.947%	2.899%	-5.479%	1.316%	4.993%	0.333%	0.000%

5.000%	0.000%	4.997%	0.000%	1.389%	0.000%	-0.926%	0.000%	-3.529%
-0.245%	-1.642%	4.969%	0.000%	0.000%	-0.131%	2.997%	0.334%	0.000%
0.802%	0.000%	1.400%	-1.429%	0.000%	-1.105%	1.803%	-1.645%	6.250%
4.987%	0.000%	0.281%	0.000%	0.000%	-0.065%	-0.414%	0.000%	0.000%
3.243%	2.026%	-4.937%	-0.427%	-3.226%	0.130%	-0.275%	-1.299%	33.333%
-0.267%	-0.025%	3.665%	3.079%	5.682%	1.989%	-0.847%	0.000%	-25.000%
4.677%	0.503%	-2.297%	-0.728%	6.024%	2.585%	0.577%	-0.965%	0.000%
-0.486%	-0.995%	2.921%	-0.435%	6.410%	-2.326%	-1.087%	0.000%	0.000%
-0.104%	-0.199%	0.000%	1.471%	6.849%	-0.660%	1.657%	0.647%	0.000%
0.069%	-0.666%	-2.110%	0.592%	7.353%	-4.507%	0.556%	1.311%	0.000%
1.587%	2.347%	-1.409%	0.000%	1.873%	-5.000%	2.857%	0.000%	-8.046%
-1.563%	-1.931%	3.472%	2.424%	0.000%	-4.979%	1.156%	-0.327%	0.000%
4.537%	0.000%	-0.277%	4.762%	0.000%	-5.000%	-0.575%	2.000%	0.000%
-5.000%	-2.885%	-0.688%	-3.077%	-6.969%	-2.632%	-4.892%	1.695%	0.000%
-3.301%	0.000%	1.042%	1.563%	0.000%	0.000%	1.639%	-0.673%	6.098%
-2.440%	-0.952%	4.503%	0.471%	-4.967%	0.000%	-0.552%	2.062%	0.000%
-4.977%	-0.474%	-2.271%	-4.925%	-5.919%	0.000%	-3.467%	-3.960%	-5.747%
3.919%	0.000%	4.448%	0.000%	-5.588%	0.000%	-1.264%	0.498%	0.000%
-4.976%	-2.765%	-5.000%	-4.286%	-5.556%	0.000%	-2.390%	-2.742%	-3.333%
5.000%	3.088%	-2.204%	4.167%	0.000%	-1.758%	3.347%	-0.673%	1.124%
-1.856%	0.238%	4.989%	0.299%	-0.552%	0.992%	-0.397%	0.032%	0.000%
-3.900%	1.180%	4.932%	-4.422%	-4.233%	4.645%	2.135%	-2.485%	0.000%
-2.275%	-3.465%	4.936%	3.088%	4.709%	0.549%	0.081%	2.878%	-1.111%
-4.996%	-2.273%	4.929%	-2.857%	0.278%	-1.622%	0.054%	-4.012%	0.000%
-4.987%	-3.297%	0.000%	-9.561%	-0.552%	0.000%	-1.702%	-0.461%	0.000%
4.983%	0.664%	5.000%	-4.914%	-4.987%	-3.141%	-3.342%	5.000%	0.000%
-5.000%	-3.830%	-1.724%	-4.907%	-4.030%	-2.551%	-2.750%	0.977%	0.000%
1.102%	4.911%	-0.855%	0.234%	-4.106%	-1.010%	1.010%	1.656%	-10.000%
4.997%	0.448%	0.000%	-0.466%	-4.828%	-1.000%	-4.232%	2.373%	0.000%
-4.270%	0.450%	-0.847%	-2.831%	0.000%	-0.025%	-0.121%	-2.640%	0.000%
-3.721%	-1.333%	1.724%	-3.074%	0.000%	-4.738%	-0.481%	-1.142%	0.000%
5.000%	0.111%	-1.612%	4.954%	0.000%	-2.778%	0.120%	-0.519%	21.951%
2.896%	-0.111%	-0.085%	-4.929%	0.230%	-4.021%	0.484%	-0.932%	-8.889%
4.988%	-2.174%	-1.585%	-0.761%	-3.341%	-3.784%	-1.524%	-1.738%	0.000%
4.989%	0.000%	0.000%	0.000%	3.456%	-0.426%	-1.893%	-1.094%	0.000%
-0.738%	-1.688%	-0.083%	3.255%	3.333%	0.385%	0.422%	-0.467%	0.000%
-0.429%	4.209%	4.348%	-1.000%	0.478%	-2.500%	-1.797%	-1.982%	0.000%
0.246%	-2.391%	-4.087%	3.448%	-5.000%	4.803%	0.930%	3.145%	-10.000%
2.421%	2.679%	0.000%	0.000%	-4.348%	1.778%	1.944%	-0.313%	5.263%
-0.780%	-3.448%	-0.083%	-3.333%	-2.748%	-3.475%	-5.000%	-1.238%	-12.844%
-0.342%	-1.277%	1.266%	0.559%	-1.663%	5.000%	-0.448%	0.000%	-15.504%
0.783%	-3.530%	-2.869%	-1.105%	-1.434%	-3.014%	3.721%	0.623%	0.000%
-0.592%	5.000%	-4.688%	0.780%	0.619%	2.074%	0.467%	0.943%	0.000%
0.501%	-2.725%	3.644%	-1.965%	2.321%	0.561%	0.000%	1.923%	0.000%
-0.188%	-4.980%	3.521%	-0.218%	4.867%	3.480%	-0.488%	-0.968%	0.000%
-2.260%	0.300%	0.000%	-3.975%	4.872%	-1.553%	-0.578%	-3.032%	-0.769%
4.970%	4.993%	4.925%	0.210%	4.866%	3.255%	5.000%	3.143%	0.000%

0.873%	5.000%	4.986%	4.950%	1.481%	4.640%	2.462%	-1.563%	0.000%
-0.387%	4.608%	-5.000%	4.965%	5.195%	4.974%	1.797%	-0.312%	0.000%
-0.353%	0.000%	0.000%	2.607%	2.667%	-2.451%	2.464%	-0.311%	0.000%
-1.424%	4.327%	2.242%	4.975%	-0.266%	1.462%	0.916%	-0.310%	0.000%
-1.558%	0.971%	0.000%	4.961%	-2.338%	0.000%	-0.469%	-2.711%	0.000%
-1.775%	1.253%	-4.701%	4.932%	5.479%	4.839%	2.074%	2.786%	0.000%
-0.669%	0.818%	0.000%	4.286%	-0.815%	4.494%	2.452%	4.194%	0.000%
0.305%	0.900%	-0.510%	-0.850%	-0.541%	1.714%	2.801%	2.310%	-7.143%
-0.274%	0.000%	0.000%	-1.944%	0.271%	1.744%	2.000%	0.165%	0.000%
-0.273%	0.503%	3.158%	-0.552%	2.500%	1.236%	-0.540%	2.300%	7.692%

Agriautos Industries Ltd	Atlas Battery Ltd	Automotive Battery Co Ltd	Bela Automotives Ltd	Exide Pakistan Ltd	General Tyre & Rubber Co of Pak Ltd	Transmission Eng Ind Ltd	Climax Engineering Co Ltd	Johnson & Phillips (Pak) Ltd
2.013%	1.449%	0.000%	20.000%	0.000%	-1.053%	0.000%	0.000%	0.000%
0.608%	-0.145%	0.000%	-9.091%	0.000%	-0.210%	0.000%	-2.655%	0.000%
-1.267%	0.000%	0.000%	-6.780%	0.000%	0.422%	0.000%	0.000%	0.000%
0.000%	-1.286%	0.000%	0.000%	0.000%	1.935%	0.000%	3.988%	0.000%
2.041%	-0.071%	0.000%	1.724%	0.000%	-1.274%	0.000%	0.000%	-2.985%
0.000%	-0.638%	0.000%	16.000%	1.250%	-0.423%	0.000%	5.161%	8.065%
-2.778%	-1.742%	0.000%	0.000%	1.266%	-2.875%	0.000%	0.000%	0.813%
-4.122%	1.773%	0.000%	-9.091%	0.000%	1.037%	-7.778%	-0.641%	-1.600%
1.090%	0.000%	0.000%	7.843%	0.000%	0.417%	0.000%	-6.024%	-3.101%
0.645%	0.000%	0.000%	24.390%	0.000%	-2.834%	0.000%	0.000%	0.000%
2.649%	-0.283%	0.000%	13.889%	0.000%	0.816%	0.000%	-5.682%	0.000%
0.000%	0.641%	0.000%	2.857%	0.000%	0.410%	0.000%	6.024%	-4.444%
0.000%	-1.056%	0.000%	0.000%	0.000%	-0.813%	-9.091%	6.410%	7.570%
-0.461%	0.709%	0.000%	-2.778%	0.000%	0.408%	5.319%	6.849%	-3.089%
-1.237%	0.714%	0.000%	2.857%	0.000%	-1.606%	-13.761%	7.353%	0.000%
2.400%	0.000%	0.000%	16.667%	0.000%	1.633%	0.000%	7.937%	2.778%
-2.913%	2.190%	0.000%	0.000%	0.000%	0.000%	-0.909%	8.621%	0.800%
0.325%	-2.143%	0.000%	0.000%	0.000%	-1.606%	0.000%	-7.937%	0.000%
0.000%	0.000%	-7.692%	-14.286%	0.000%	2.259%	0.000%	-7.353%	7.296%
-2.593%	0.000%	-7.143%	0.000%	0.000%	-0.815%	0.000%	-6.849%	7.373%
-3.715%	0.000%	0.000%	0.000%	0.000%	-1.008%	0.000%	-6.410%	-7.660%
0.674%	0.000%	7.692%	0.000%	0.000%	-0.201%	-7.563%	-6.024%	-2.083%
0.000%	0.000%	0.000%	0.000%	0.509%	-0.996%	0.000%	-5.682%	-4.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-1.953%	0.000%	-5.376%	1.626%
4.955%	0.000%	0.000%	0.000%	0.000%	0.392%	0.000%	-5.102%	-5.019%
0.000%	0.000%	0.000%	0.000%	0.000%	1.796%	**0.000%**	0.000%	0.000%
5.000%	0.000%	0.000%	0.000%	0.000%	0.200%	0.000%	-3.922%	7.917%
-1.333%	0.000%	0.000%	9.375%	0.000%	-0.990%	0.000%	-0.971%	0.000%
-2.534%	-1.408%	0.000%	-1.538%	0.000%	1.406%	0.000%	5.102%	-7.692%
-1.220%	0.000%	0.000%	-7.143%	-0.254%	0.000%	16.667%	5.376%	0.000%
-2.258%	-1.389%	0.000%	0.000%	-0.253%	-0.994%	0.000%	5.682%	-1.887%
2.508%	-1.437%	-7.143%	0.000%	-1.250%	0.399%	0.000%	6.024%	0.000%
-4.484%	-1.550%	0.000%	-12.500%	0.000%	-1.765%	0.000%	6.410%	-5.357%
-1.928%	1.644%	0.000%	0.000%	0.000%	0.592%	0.000%	6.849%	0.000%
2.786%	-2.013%	0.000%	0.000%	0.000%	-1.362%	0.000%	7.353%	0.000%
0.937%	3.400%	0.000%	0.000%	-4.192%	-1.154%	0.000%	7.937%	-2.778%
-2.021%	0.069%	0.000%	0.000%	0.000%	0.000%	0.000%	18.868%	-7.097%
0.802%	0.000%	0.000%	0.000%	0.000%	-0.574%	0.000%	6.533%	0.000%
-2.056%	2.857%	0.000%	0.000%	0.000%	-0.759%	0.000%	7.568%	-2.516%
0.977%	0.000%	0.000%	0.000%	0.000%	-2.226%	-15.000%	0.000%	4.262%

-1.027%	2.190%	0.000%	0.000%	0.000%	-0.185%	0.000%	0.000%	7.018%
0.915%	4.900%	0.000%	0.000%	0.000%	-0.735%	0.000%	-5.612%	1.786%
1.235%	-2.755%	0.000%	0.000%	0.000%	0.184%	0.000%	-2.000%	7.692%
0.000%	0.000%	-1.754%	-13.978%	0.000%	0.556%	0.000%	8.108%	7.884%
-2.410%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-2.632%	-7.308%
-1.190%	-4.071%	0.000%	24.000%	0.000%	-0.369%	0.000%	11.765%	0.000%
0.719%	4.400%	0.000%	19.048%	0.000%	0.370%	0.000%	0.000%	0.000%
1.707%	4.930%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-6.475%
0.000%	2.158%	0.000%	0.000%	0.000%	0.935%	0.000%	0.000%	2.963%
0.000%	1.460%	0.000%	1.613%	0.000%	-0.926%	0.000%	0.000%	0.000%
-0.304%	-1.439%	0.000%	3.333%	0.000%	0.000%	-7.692%	13.333%	0.000%
0.366%	0.000%	0.000%	0.000%	0.000%	0.000%	8.333%	0.000%	0.000%
-1.146%	-2.266%	3.636%	0.000%	0.000%	-1.818%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-1.777%	0.000%	0.000%	0.000%	0.000%	1.103%	0.000%	0.000%	1.124%
0.596%	1.106%	0.000%	-25.000%	0.000%	-1.627%	-10.448%	0.000%	0.000%
3.580%	0.079%	0.000%	0.000%	0.000%	2.407%	0.000%	0.000%	0.000%
3.185%	0.000%	0.000%	0.000%	0.000%	-1.460%	0.000%	0.000%	-6.643%
1.948%	0.000%	0.000%	0.000%	0.000%	-0.364%	0.000%	0.000%	0.000%
0.130%	-1.095%	0.000%	0.000%	0.000%	-2.655%	0.000%	0.000%	0.000%
4.271%	-15.298%	0.000%	0.000%	0.000%	2.727%	0.000%	0.000%	6.716%
4.982%	-0.919%	-1.786%	17.647%	0.000%	0.000%	0.000%	0.000%	-6.620%
-0.071%	0.263%	0.000%	0.000%	0.000%	2.230%	0.000%	0.000%	-4.333%
-5.000%	1.333%	0.000%	0.000%	0.000%	-7.241%	0.000%	0.000%	-6.250%
0.000%	0.671%	0.000%	0.000%	0.000%	-1.695%	0.000%	0.000%	-5.882%
2.778%	0.000%	0.000%	7.937%	0.000%	1.027%	0.000%	0.000%	6.250%
-0.690%	-1.325%	0.000%	0.000%	0.000%	-0.171%	-0.741%	0.000%	6.667%
0.000%	-0.658%	0.000%	-8.696%	0.000%	0.000%	0.000%	0.000%	0.000%
3.571%	3.401%	0.000%	0.000%	0.000%	0.171%	0.000%	0.000%	7.143%
-4.110%	-2.326%	0.000%	0.000%	0.000%	1.038%	0.000%	0.000%	7.692%
-1.017%	0.266%	0.000%	0.000%	0.000%	0.173%	3.053%	0.000%	8.333%
0.340%	-1.315%	0.000%	0.000%	0.000%	-1.199%	18.018%	0.000%	9.091%
5.000%	0.728%	0.000%	-1.429%	0.000%	0.516%	0.000%	0.000%	4.762%
-0.709%	-2.581%	0.000%	0.000%	0.000%	-0.684%	0.000%	0.000%	0.000%
-2.083%	4.659%	0.000%	6.061%	0.000%	-0.510%	-0.893%	0.000%	1.942%
0.000%	0.068%	0.000%	0.000%	0.000%	-0.843%	6.667%	0.000%	-6.364%
-3.161%	-1.333%	0.000%	0.000%	0.000%	0.169%	16.667%	0.000%	0.000%
2.907%	2.740%	0.000%	1.538%	0.000%	0.339%	-14.286%	0.000%	0.000%
4.710%	0.000%	0.000%	0.000%	0.000%	-1.667%	0.000%	0.000%	-2.222%
4.545%	-3.311%	0.000%	-18.750%	0.000%	3.093%	0.000%	0.000%	0.000%
-4.486%	-0.132%	0.000%	0.000%	0.000%	-1.855%	0.000%	0.000%	0.000%
0.145%	0.800%	0.000%	0.000%	0.000%	-0.336%	0.000%	0.000%	0.000%
-1.429%	-3.163%	0.000%	0.000%	0.000%	0.847%	0.000%	0.000%	0.897%
-1.269%	-0.514%	0.000%	0.000%	0.602%	-4.839%	-12.500%	0.000%	-3.043%
3.504%	3.800%	0.000%	0.000%	0.000%	1.806%	-4.000%	0.000%	-4.167%
0.000%	3.448%	0.000%	0.000%	0.000%	-0.164%	0.000%	0.000%	0.000%
0.000%	-4.605%	0.000%	0.000%	0.000%	1.329%	-7.407%	0.000%	-4.000%

0.000%	0.000%	0.000%	0.000%	0.000%	-0.331%	0.000%	0.000%	-7.407%
-1.439%	0.000%	0.000%	0.000%	0.000%	0.000%	-12.903%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-0.330%	0.000%	0.000%	0.000%
-0.856%	0.000%	0.000%	0.000%	0.000%	-1.623%	13.139%	0.000%	-3.226%
-1.958%	-4.403%	0.000%	0.000%	-1.775%	-0.965%	0.000%	0.000%	-0.357%
-0.348%	3.922%	0.000%	0.000%	0.000%	0.323%	0.000%	0.000%	0.000%
1.056%	0.328%	0.000%	0.000%	0.000%	0.649%	0.000%	0.000%	0.000%
-1.526%	-0.392%	0.000%	0.000%	0.000%	0.326%	0.000%	0.000%	-3.448%
-1.905%	-1.859%	0.000%	0.000%	0.000%	0.327%	0.000%	0.000%	0.000%
0.685%	-0.637%	0.000%	0.000%	0.000%	-1.290%	0.000%	0.000%	0.000%
-2.013%	-0.633%	0.000%	0.000%	0.000%	-1.899%	0.000%	0.000%	0.000%
0.000%	3.947%	0.000%	9.589%	0.000%	1.935%	0.000%	0.000%	-1.361%
1.361%	0.662%	0.000%	0.000%	0.000%	-1.116%	0.000%	0.000%	0.000%
1.379%	-1.948%	0.000%	0.000%	1.319%	2.787%	0.000%	0.000%	4.255%
4.317%	0.000%	0.000%	-6.410%	4.185%	-1.294%	0.000%	0.000%	-3.093%
1.832%	0.000%	0.000%	-2.500%	-3.554%	0.000%	0.000%	0.000%	0.000%
0.812%	-1.155%	0.000%	0.000%	-3.488%	-0.323%	1.481%	0.000%	-0.683%
-0.441%	0.000%	0.000%	0.000%	4.878%	1.639%	0.000%	0.000%	7.326%
2.333%	2.500%	0.000%	14.286%	0.000%	0.660%	0.000%	0.000%	5.814%
-0.821%	0.000%	0.000%	0.000%	2.372%	-0.656%	-10.000%	0.000%	0.000%
-0.741%	1.333%	0.000%	0.000%	0.000%	1.667%	0.000%	0.000%	4.878%
0.746%	-2.850%	0.000%	0.000%	0.125%	0.503%	0.000%	0.000%	0.000%
0.752%	4.324%	0.000%	0.000%	0.000%	-0.334%	9.489%	0.000%	-5.385%
-0.746%	2.635%	0.000%	0.000%	0.000%	-1.964%	-12.739%	0.000%	0.000%
-1.107%	-2.568%	0.000%	0.000%	-0.683%	-1.292%	-1.875%	0.000%	6.122%
-0.733%	-1.333%	0.000%	0.000%	0.000%	1.475%	6.667%	0.000%	0.000%
-2.221%	0.000%	0.000%	0.000%	4.951%	-0.813%	7.914%	0.000%	-2.000%
0.143%	0.000%	0.000%	0.000%	4.993%	0.820%	0.000%	0.000%	4.167%
2.125%	2.740%	0.000%	0.000%	-4.131%	1.667%	0.000%	0.000%	-4.000%
-1.799%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.398%
0.798%	-1.218%	0.000%	0.000%	4.096%	2.041%	0.000%	0.000%	0.000%
0.218%	-0.805%	0.000%	0.000%	0.000%	-4.854%	0.000%	0.000%	-5.283%
4.242%	-4.974%	0.000%	0.000%	0.000%	-0.323%	0.000%	0.000%	0.000%
-0.752%	1.292%	0.000%	0.000%	-3.618%	2.649%	11.200%	0.000%	8.163%
3.906%	-0.578%	0.000%	0.000%	0.000%	4.861%	0.000%	0.000%	-7.197%
-3.030%	0.000%	0.000%	0.000%	0.000%	-4.950%	0.000%	-6.250%	-6.714%
1.227%	-0.064%	0.000%	0.000%	3.754%	-1.463%	-7.407%	0.000%	-2.076%
-2.687%	1.565%	0.000%	-15.663%	0.000%	-1.600%	0.000%	0.000%	0.000%
0.752%	0.000%	0.000%	0.000%	-0.340%	3.306%	0.000%	0.000%	0.000%
-2.062%	-0.968%	0.000%	0.000%	0.000%	-2.419%	0.000%	0.000%	3.214%
-0.876%	2.379%	0.000%	0.000%	0.547%	0.000%	0.000%	0.000%	-4.762%
-0.364%	0.000%	0.000%	0.000%	0.000%	-0.800%	0.000%	0.000%	0.000%
4.962%	1.612%	0.000%	18.571%	4.953%	4.866%	0.000%	0.000%	5.000%
0.383%	3.403%	0.000%	0.000%	0.216%	4.930%	0.000%	0.000%	1.449%
0.385%	0.000%	0.000%	0.000%	0.216%	-4.858%	0.000%	0.000%	0.000%
-0.915%	-0.069%	0.000%	0.000%	-5.000%	-3.710%	0.000%	-11.111%	0.000%
2.500%	-3.869%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

-0.929%	-3.290%	0.000%	-17.647%	0.000%	-1.431%	0.000%	0.000%	6.154%
-5.000%	-1.587%	0.000%	0.000%	0.000%	-3.231%	0.000%	0.000%	-7.143%
-3.614%	2.406%	0.000%	0.000%	0.000%	-1.664%	0.000%	0.000%	0.000%
-2.014%	1.585%	0.000%	0.000%	0.000%	4.921%	0.000%	0.000%	0.000%
-1.370%	4.703%	0.000%	0.000%	0.000%	0.800%	0.000%	0.000%	-6.667%
0.690%	-4.868%	0.000%	0.000%	0.000%	1.461%	0.000%	0.000%	7.143%
2.113%	1.469%	0.000%	0.000%	0.000%	1.316%	0.000%	-10.000%	0.000%
1.429%	4.755%	0.000%	0.000%	0.000%	-2.093%	-6.897%	0.000%	0.000%
0.000%	-1.379%	0.000%	0.000%	0.000%	0.161%	0.000%	0.000%	0.000%
0.000%	-3.333%	0.000%	-15.000%	-0.680%	-3.727%	0.000%	0.000%	-1.754%
0.000%	0.000%	0.000%	0.000%	0.000%	-1.075%	0.000%	0.000%	0.000%
0.000%	4.167%	0.000%	0.000%	0.685%	-1.214%	0.000%	0.000%	0.000%
0.575%	-2.041%	0.000%	0.000%	0.000%	1.229%	8.209%	0.000%	-5.000%
-1.972%	0.000%	0.000%	0.000%	-4.262%	-0.611%	-10.667%	0.000%	0.000%
3.650%	-0.676%	0.000%	0.000%	-4.984%	-0.758%	0.000%	0.000%	4.167%
-0.725%	-4.516%	0.000%	0.000%	0.000%	3.125%	14.504%	0.000%	-4.000%
0.145%	0.000%	0.000%	0.000%	0.000%	-1.082%	-6.429%	0.000%	-6.250%
4.394%	0.000%	0.000%	0.000%	0.000%	1.252%	0.000%	0.000%	0.000%
-4.693%	0.000%	0.000%	0.000%	0.000%	-0.467%	0.000%	0.000%	0.000%
-6.545%	0.000%	0.000%	0.000%	0.000%	-2.727%	0.000%	-8.676%	-5.882%
-4.939%	-0.641%	0.000%	0.000%	0.000%	-2.941%	0.000%	0.000%	6.250%
-3.168%	0.000%	0.000%	0.000%	0.000%	0.741%	-6.667%	9.500%	-3.323%
2.028%	-2.500%	0.000%	8.696%	0.000%	-2.174%	0.000%	0.000%	4.747%
4.990%	-1.235%	0.000%	6.977%	0.000%	-0.862%	1.351%	0.000%	-4.242%
4.958%	1.250%	0.000%	-4.444%	-4.973%	-0.571%	6.475%	0.000%	-4.070%
-4.150%	1.652%	0.000%	12.500%	0.000%	2.639%	-4.795%	0.000%	-0.290%
-4.231%	4.933%	0.000%	-11.111%	0.000%	0.739%	0.000%	0.000%	0.000%
-0.064%	-3.226%	0.000%	0.000%	0.000%	-0.441%	4.286%	0.000%	0.583%
-2.438%	-4.908%	0.000%	0.000%	0.000%	0.890%	0.000%	0.000%	-3.107%
0.000%	1.875%	0.000%	0.000%	-4.952%	-0.882%	0.000%	0.000%	-4.324%
0.000%	-1.235%	0.000%	-3.226%	-4.973%	-1.449%	7.692%	0.000%	3.352%
1.266%	1.377%	0.000%	0.000%	-2.604%	-1.989%	3.175%	0.000%	0.000%
-0.063%	-0.125%	0.000%	0.000%	-0.518%	0.571%	-9.353%	0.000%	-3.243%
-1.188%	-3.614%	0.000%	0.000%	0.000%	-0.990%	-0.714%	0.000%	-2.632%
-3.440%	-1.190%	0.000%	0.000%	0.000%	-0.980%	-11.392%	0.000%	0.000%
1.037%	-3.337%	0.000%	0.000%	-0.413%	1.133%	-9.714%	0.000%	-2.564%
-0.606%	2.840%	0.000%	3.333%	-0.103%	-0.703%	0.000%	0.000%	-4.878%
-1.786%	1.198%	0.000%	-15.094%	0.000%	-2.469%	12.903%	0.000%	0.490%
1.205%	4.965%	0.000%	0.000%	-0.513%	-0.681%	-3.125%	0.000%	1.493%
-2.353%	1.016%	0.000%	0.000%	4.390%	1.662%	0.000%	0.000%	0.500%
1.190%	5.000%	0.000%	-1.852%	0.000%	-1.635%	0.000%	0.000%	0.000%
0.599%	1.351%	0.000%	2.857%	0.000%	-2.133%	-5.882%	0.000%	-0.744%
-0.831%	1.370%	0.000%	0.000%	4.944%	0.671%	0.000%	0.000%	5.222%
-2.093%	-2.145%	0.000%	0.000%	0.000%	3.472%	-5.556%	0.000%	-1.795%
-1.149%	4.923%	0.000%	-0.943%	4.706%	0.559%	0.000%	0.000%	-1.266%
1.163%	0.851%	7.692%	0.000%	3.030%	1.273%	0.000%	0.000%	0.000%
-2.217%	0.000%	0.000%	17.778%	0.000%	1.144%	12.500%	0.000%	-3.659%

4.083%	0.000%	0.000%	0.000%	0.000%	1.304%	0.000%	0.000%	2.500%
-2.594%	0.000%	0.000%	0.000%	2.804%	0.730%	0.000%	0.000%	1.781%
-0.857%	0.000%	4.000%	0.000%	0.000%	-0.725%	0.000%	0.000%	-4.843%
0.000%	0.714%	0.000%	0.000%	-4.464%	0.000%	0.000%	0.000%	-4.839%
-0.568%	0.000%	0.000%	-5.263%	-0.533%	0.000%	0.000%	0.000%	-4.615%
0.000%	0.000%	0.000%	0.000%	4.972%	1.173%	0.000%	0.000%	2.018%
0.000%	-1.754%	-3.846%	0.000%	4.958%	0.294%	-5.882%	0.000%	4.695%
0.000%	4.626%	0.000%	0.000%	5.000%	-2.857%	0.000%	0.000%	4.926%
2.326%	-1.304%	-3.704%	-12.844%	0.000%	-0.427%	0.000%	0.000%	5.181%
2.381%	-1.429%	-3.571%	0.000%	4.960%	3.382%	-5.556%	0.000%	-1.026%
0.000%	0.000%	0.000%	-0.909%	4.981%	-0.293%	2.857%	0.000%	-4.878%
0.000%	0.000%	0.000%	0.000%	4.992%	0.442%	0.000%	0.000%	-4.206%
0.599%	0.000%	0.000%	0.000%	4.992%	3.191%	0.000%	0.000%	-4.889%
0.000%	1.010%	0.000%	22.222%	4.978%	-1.791%	-2.778%	0.000%	0.000%
-4.023%	5.000%	0.000%	0.000%	0.000%	-1.471%	0.000%	0.000%	0.000%
2.959%	-3.012%	0.000%	13.924%	-4.583%	1.644%	0.000%	0.000%	2.273%
-4.735%	-4.491%	0.000%	-19.388%	-4.000%	-4.836%	-10.000%	0.000%	-4.348%
4.353%	-5.000%	0.000%	0.000%	-4.871%	0.429%	4.712%	0.000%	-2.128%
-4.494%	0.671%	0.000%	0.000%	0.000%	-3.448%	0.526%	0.000%	-4.082%
0.000%	1.292%	0.000%	0.000%	0.000%	2.113%	-5.000%	0.000%	-3.162%
0.000%	-0.608%	0.000%	0.000%	0.000%	-3.794%	2.041%	0.000%	-4.887%
-0.056%	-3.268%	0.000%	0.000%	0.000%	-1.600%	0.513%	11.111%	4.931%
-1.056%	-4.969%	0.000%	0.000%	0.000%	1.351%	0.000%	0.000%	4.969%
-2.703%	-2.424%	0.000%	0.000%	0.000%	-2.632%	-1.015%	0.000%	5.000%
-3.646%	0.610%	0.000%	0.000%	0.000%	-5.000%	0.000%	0.000%	-3.564%
-2.932%	-2.439%	0.000%	-2.970%	0.000%	0.629%	8.242%	0.000%	4.835%
2.700%	0.060%	0.000%	0.000%	0.000%	-4.904%	-2.151%	0.000%	-3.805%
4.959%	0.000%	0.000%	0.000%	0.000%	0.723%	-2.105%	0.000%	-8.687%
-0.272%	-1.176%	0.000%	0.000%	0.000%	-1.190%	-4.040%	0.000%	-4.954%
2.793%	-2.299%	0.000%	0.000%	0.000%	-3.890%	-3.415%	-10.000%	-4.553%
-0.556%	-0.571%	0.000%	0.000%	0.000%	-0.456%	1.990%	0.000%	-4.992%
2.041%	-1.018%	0.000%	0.000%	0.000%	2.093%	-3.828%	0.000%	4.887%
2.439%	3.331%	0.000%	0.000%	0.000%	-4.972%	9.424%	-4.762%	4.945%
5.000%	4.969%	0.000%	1.000%	0.000%	-3.001%	6.111%	0.000%	5.000%
1.863%	1.875%	0.000%	0.000%	0.000%	-0.533%	-8.163%	0.000%	4.839%
-0.862%	0.000%	0.000%	0.000%	4.952%	-1.677%	0.000%	0.000%	4.863%
-2.169%	0.629%	0.000%	0.000%	0.968%	-0.625%	-4.390%	0.000%	4.878%
1.220%	-1.548%	0.000%	-1.961%	0.000%	1.053%	0.985%	0.000%	4.884%
0.306%	0.186%	0.000%	0.000%	0.000%	0.000%	-0.976%	0.000%	4.878%
-1.506%	3.732%	0.000%	-2.857%	-1.587%	-4.905%	5.128%	0.000%	5.128%
-4.046%	5.000%	0.000%	1.942%	0.000%	4.827%	-6.699%	0.000%	5.405%
-1.368%	4.079%	0.000%	3.000%	0.000%	4.956%	-0.476%	0.000%	5.714%
-1.405%	0.495%	0.000%	0.000%	0.000%	4.971%	0.478%	0.000%	6.061%
3.310%	-1.736%	0.000%	0.000%	0.000%	1.051%	0.481%	0.000%	-8.587%
5.000%	-1.907%	0.000%	0.000%	0.000%	-0.696%	2.970%	-8.696%	-5.249%
1.235%	0.893%	0.000%	3.093%	0.000%	-1.598%	0.498%	0.000%	-1.039%
4.990%	1.042%	0.000%	-11.818%	0.000%	1.272%	0.500%	0.000%	0.000%

4.966%	-1.706%	0.000%	0.000%	0.000%	-3.460%	11.111%	0.000%	-3.750%
1.379%	0.965%	0.000%	0.000%	0.000%	0.674%	-0.552%	0.000%	-3.614%
2.185%	-0.616%	0.000%	0.000%	0.000%	-1.657%	0.556%	0.000%	1.220%
0.212%	-0.341%	0.000%	0.000%	2.273%	4.988%	-2.174%	0.000%	-4.206%
1.143%	1.314%	0.000%	3.774%	0.000%	4.994%	2.222%	0.000%	0.706%
4.089%	-1.900%	0.000%	4.950%	0.000%	4.987%	-5.263%	0.000%	2.657%
4.996%	0.340%	0.000%	0.000%	-4.644%	4.966%	0.000%	0.000%	3.242%
-1.234%	-0.743%	0.000%	-9.009%	0.000%	-0.268%	-7.317%	0.000%	5.249%
3.594%	0.000%	0.000%	-11.200%	0.000%	-1.451%	1.485%	0.000%	-5.693%
0.160%	0.000%	0.000%	0.000%	0.000%	-0.263%	-6.047%	0.000%	-4.941%

Siemens (Pakistan) Eng Co Ltd	Singer Pak	Attock Cement Pakistan Ltd	Bestway Cement Ltd	Cherat Cement Co Ltd	D.G. Khan Cement Co Ltd	Dadabhoy Cement Ind Ltd	Dewan Cement Ltd	Gharibwal Cement Ltd
0.000%	0.000%	2.584%	0.000%	2.819%	2.396%	2.542%	3.865%	2.500%
0.000%	0.000%	1.231%	-0.935%	-0.488%	3.130%	1.724%	2.985%	1.010%
0.000%	5.000%	0.000%	0.000%	1.611%	2.881%	3.571%	4.145%	-0.503%
0.000%	0.000%	-0.154%	0.000%	-1.705%	-3.279%	9.804%	-5.392%	0.505%
0.000%	0.000%	-4.964%	-4.464%	-2.840%	-4.984%	-9.735%	-2.392%	0.000%
0.000%	-4.059%	3.945%	0.000%	4.839%	3.632%	4.630%	5.556%	4.762%
0.251%	-4.912%	-4.975%	0.000%	-3.008%	-4.985%	-5.263%	-7.042%	-3.077%
-5.000%	-5.000%	-1.631%	0.000%	-1.889%	-4.956%	-5.000%	-4.054%	-4.412%
5.000%	-1.099%	-0.424%	0.000%	-0.470%	-1.366%	-1.639%	0.452%	0.000%
1.852%	1.336%	2.312%	0.000%	-1.505%	-0.215%	0.826%	-1.778%	-0.971%
0.000%	0.447%	-1.143%	0.000%	1.647%	0.795%	-3.968%	1.810%	0.488%
4.854%	-0.777%	-1.339%	0.000%	0.830%	-1.073%	0.800%	-0.897%	0.490%
0.000%	0.000%	1.357%	0.000%	-0.590%	0.215%	0.000%	-2.193%	-2.392%
0.000%	0.000%	-0.780%	-3.448%	0.355%	0.288%	1.626%	-1.724%	-0.476%
0.000%	0.000%	-1.741%	0.000%	-2.199%	-4.201%	-2.381%	-2.110%	0.962%
0.000%	0.000%	-1.170%	-3.253%	1.053%	-1.359%	-3.077%	-2.469%	-3.704%
0.000%	0.000%	-0.479%	-0.083%	4.908%	-1.340%	-4.412%	0.000%	-1.370%
0.000%	0.000%	1.389%	0.000%	4.891%	3.611%	2.256%	4.741%	6.829%
0.000%	0.000%	4.197%	0.000%	5.000%	2.857%	12.712%	4.505%	1.990%
0.000%	0.000%	-2.676%	-0.166%	2.778%	-0.709%	0.855%	-3.478%	-1.951%
0.000%	0.000%	-1.389%	0.000%	-1.639%	-1.811%	-5.645%	2.222%	-0.485%
-1.905%	0.000%	0.000%	0.000%	-4.935%	-0.897%	2.479%	-2.597%	0.000%
0.000%	-4.149%	-1.840%	0.000%	-1.282%	-1.160%	1.681%	-2.119%	-1.905%
0.000%	0.000%	-4.554%	0.000%	-0.383%	0.756%	-4.032%	-2.075%	0.478%
0.095%	0.000%	3.571%	0.000%	-2.369%	2.609%	1.639%	4.329%	1.456%
-0.095%	0.000%	-3.448%	-4.980%	3.218%	-0.351%	1.667%	0.873%	-0.483%
0.000%	0.000%	2.603%	0.000%	0.909%	2.374%	0.840%	1.778%	0.976%
5.000%	0.000%	0.537%	-0.394%	-3.750%	-3.806%	-4.032%	-5.462%	-6.818%
0.000%	3.297%	1.706%	0.000%	1.781%	-1.500%	-1.587%	-0.833%	-2.222%
0.000%	0.000%	1.736%	-0.781%	0.127%	-0.744%	3.279%	-1.639%	-0.881%
0.000%	-4.612%	0.699%	-0.544%	0.641%	-0.805%	-3.175%	-1.215%	-1.732%
0.000%	0.000%	-0.694%	0.000%	0.386%	3.760%	0.000%	2.066%	1.762%
0.000%	0.000%	-4.064%	0.000%	-4.896%	-4.011%	0.000%	-3.968%	-1.732%
0.000%	0.000%	-5.000%	0.000%	-4.889%	-4.956%	-3.077%	-3.817%	-4.545%
0.000%	-4.600%	-1.250%	0.000%	-2.386%	2.009%	3.175%	-0.380%	0.833%
0.000%	0.000%	-0.867%	0.000%	-3.403%	-4.988%	-7.353%	-0.755%	-5.512%
0.000%	8.578%	0.875%	0.000%	-4.607%	-0.246%	3.817%	-1.119%	0.395%
0.000%	0.000%	0.000%	0.000%	-4.500%	0.805%	0.000%	-0.372%	0.000%
0.000%	0.000%	-1.235%	0.000%	-3.475%	-5.000%	-4.380%	-3.929%	-2.692%
0.000%	0.109%	-4.199%	0.000%	-2.996%	-1.163%	-2.143%	-2.098%	-5.455%

2.041%	-1.814%	-5.000%	-7.410%	-4.982%	-13.568%	-2.098%	-6.536%	-6.780%
0.000%	-4.970%	1.540%	4.511%	-1.748%	0.252%	2.143%	0.000%	0.000%
0.513%	3.789%	-2.285%	-5.000%	2.326%	0.000%	-2.778%	0.000%	1.724%
0.000%	0.000%	0.787%	0.143%	-1.062%	2.162%	5.109%	0.990%	3.571%
-0.510%	0.000%	0.000%	0.000%	-0.790%	-0.154%	-2.143%	-1.623%	-3.448%
0.000%	-1.042%	1.309%	0.000%	-0.088%	-0.205%	0.000%	0.000%	0.000%
0.000%	-4.000%	0.057%	-0.143%	1.786%	-0.256%	-1.408%	-1.597%	2.113%
0.000%	-1.283%	-1.348%	0.143%	-0.797%	-2.785%	-5.960%	-2.795%	-3.401%
0.000%	4.974%	0.000%	0.000%	-0.088%	-0.446%	-1.948%	0.625%	-1.342%
0.000%	-4.455%	1.136%	0.000%	-0.877%	-0.247%	0.654%	-0.312%	-0.667%
0.000%	4.555%	0.571%	0.000%	-12.844%	3.053%	2.000%	3.883%	0.334%
0.000%	5.000%	1.744%	0.576%	2.188%	1.498%	-1.316%	2.318%	3.103%
0.000%	0.000%	-1.149%	-0.572%	0.000%	0.938%	-1.299%	-1.948%	-1.361%
0.000%	0.000%	-0.571%	2.794%	0.550%	-0.104%	0.000%	-0.965%	-6.369%
0.000%	1.099%	0.575%	0.000%	-0.547%	0.000%	1.987%	-1.582%	-5.422%
0.513%	-4.211%	-1.024%	0.000%	-1.235%	-1.538%	-2.581%	2.265%	-3.768%
0.000%	-4.427%	4.147%	0.000%	2.128%	2.524%	8.392%	3.691%	2.071%
0.000%	0.000%	-4.525%	0.000%	1.520%	0.369%	-0.694%	-0.334%	2.424%
0.000%	0.000%	0.512%	0.000%	-0.557%	0.531%	-2.041%	0.673%	-2.077%
0.000%	0.000%	-4.142%	0.000%	-0.317%	-3.085%	0.000%	-1.980%	-0.882%
0.000%	0.000%	0.603%	0.000%	-0.552%	0.413%	2.083%	-0.656%	1.190%
-2.010%	-4.971%	1.899%	-2.857%	2.258%	1.361%	-2.041%	2.349%	3.067%
0.000%	0.000%	-0.556%	0.000%	1.307%	0.473%	0.000%	0.000%	5.844%
2.051%	-4.909%	2.273%	0.000%	-0.730%	1.875%	-3.289%	-0.667%	-1.911%
0.000%	-0.091%	-2.222%	0.000%	-4.934%	-0.691%	-2.564%	-0.990%	-1.875%
0.000%	0.000%	-1.099%	0.000%	-4.982%	-2.591%	0.000%	-1.303%	-5.882%
0.000%	-4.922%	2.247%	0.000%	-0.943%	0.000%	-2.500%	-0.647%	-2.579%
0.000%	3.763%	-4.558%	0.000%	2.074%	-0.771%	0.000%	-0.323%	-1.690%
0.000%	3.142%	0.269%	0.865%	1.580%	4.345%	1.266%	2.649%	1.429%
0.000%	0.000%	-1.274%	-0.072%	-0.895%	-1.791%	-0.629%	0.000%	6.061%
-2.500%	0.000%	0.213%	0.000%	0.979%	0.797%	-0.625%	-1.629%	6.452%
0.000%	0.000%	1.075%	-0.072%	-0.300%	-0.581%	1.911%	-0.325%	6.897%
0.000%	-4.921%	1.639%	-0.572%	0.000%	0.852%	1.948%	1.987%	1.754%
0.000%	0.000%	-0.109%	-0.143%	-0.819%	-1.417%	-3.750%	-3.822%	1.423%
0.000%	-0.175%	3.503%	0.000%	0.299%	1.384%	3.896%	2.614%	2.555%
0.000%	0.000%	0.740%	0.000%	0.075%	1.568%	-1.911%	0.000%	1.481%
0.000%	0.000%	-2.389%	0.000%	0.526%	1.537%	-3.086%	-0.971%	-3.226%
-1.088%	-1.299%	-2.174%	0.000%	0.075%	2.073%	1.250%	4.392%	4.494%
0.000%	0.000%	3.024%	0.000%	-0.598%	-2.619%	2.564%	1.024%	-1.111%
0.000%	-0.259%	4.997%	0.000%	1.517%	3.209%	4.000%	3.901%	-2.527%
0.000%	0.000%	-4.972%	0.000%	-3.088%	-4.976%	-11.765%	-6.000%	2.974%
0.000%	0.000%	-0.831%	0.000%	-0.875%	-4.982%	1.190%	-5.660%	-1.465%
0.000%	0.000%	-2.853%	0.000%	-0.508%	1.235%	-2.890%	0.000%	-0.727%
0.000%	0.000%	2.088%	0.000%	-2.199%	-3.044%	1.765%	-4.505%	-1.786%
-0.590%	0.000%	-1.408%	0.000%	1.148%	1.008%	-2.857%	-0.597%	3.704%
0.000%	0.000%	-1.809%	0.000%	0.650%	1.018%	-3.315%	-0.298%	1.504%
0.000%	0.000%	0.000%	0.000%	-1.071%	0.977%	0.556%	1.818%	-1.115%

0.000%	0.000%	1.075%	0.000%	1.449%	3.955%	1.124%	1.852%	0.749%
0.000%	-4.926%	0.868%	0.000%	-1.075%	-0.479%	1.136%	-1.818%	-0.743%
-0.780%	0.000%	-2.019%	0.000%	0.360%	-0.948%	-1.124%	-1.786%	-0.370%
0.000%	0.000%	-2.990%	0.000%	-2.113%	-2.816%	0.565%	-0.885%	-0.369%
0.000%	-4.471%	4.301%	0.000%	2.158%	-1.859%	-4.839%	-2.865%	-1.095%
-4.206%	-0.391%	0.000%	0.000%	0.871%	-1.436%	3.333%	2.346%	1.481%
-4.889%	0.000%	-4.124%	0.000%	0.584%	0.398%	-1.639%	0.590%	-1.460%
0.000%	0.000%	0.000%	-0.568%	-0.436%	-0.838%	-0.543%	-0.877%	-1.792%
0.000%	-1.387%	0.000%	0.000%	0.073%	3.787%	7.602%	1.786%	2.952%
0.000%	0.000%	-1.020%	-4.865%	-0.362%	-2.738%	-5.000%	-0.592%	0.000%
2.180%	0.000%	0.000%	4.225%	0.000%	3.932%	1.124%	0.595%	0.000%
0.000%	-0.077%	-0.709%	0.000%	1.471%	-0.566%	2.299%	0.299%	0.370%
0.000%	0.000%	-0.303%	0.000%	1.796%	-2.213%	-5.435%	-4.830%	-3.571%
-4.261%	-0.077%	1.020%	0.000%	0.376%	0.709%	2.222%	0.285%	2.941%
-2.128%	0.000%	-2.000%	0.000%	-0.672%	-0.152%	3.448%	6.042%	1.493%
0.000%	0.000%	0.452%	-0.351%	0.375%	0.816%	-3.333%	0.000%	-1.471%
0.000%	0.000%	4.955%	0.000%	0.983%	0.771%	2.273%	1.846%	0.741%
0.000%	0.000%	4.981%	0.000%	-0.602%	-1.168%	-4.348%	0.000%	0.746%
4.911%	0.000%	1.403%	0.000%	-0.598%	2.233%	0.546%	-1.813%	-0.372%
0.000%	0.619%	-1.547%	0.000%	-0.149%	1.209%	-1.613%	0.915%	1.128%
0.000%	0.000%	-0.440%	0.000%	-0.741%	-0.157%	5.085%	6.494%	1.916%
-4.681%	0.000%	-3.195%	0.000%	3.053%	0.953%	1.143%	-2.532%	0.772%
0.000%	0.000%	-2.644%	0.000%	-0.152%	0.426%	-2.778%	0.637%	-0.766%
-0.424%	-5.000%	4.553%	0.000%	-0.756%	2.732%	-1.099%	0.965%	0.385%
0.000%	-2.439%	4.949%	0.000%	3.281%	3.448%	2.247%	3.667%	4.000%
0.000%	-0.143%	0.000%	0.000%	0.000%	3.450%	4.706%	4.530%	2.041%
0.000%	0.000%	-4.973%	0.000%	-1.538%	-5.000%	-7.609%	-5.281%	-5.405%
0.000%	0.000%	1.928%	0.000%	0.775%	-1.045%	6.977%	1.000%	5.714%
0.000%	0.000%	1.002%	0.000%	-1.451%	3.352%	2.381%	-3.537%	0.410%
0.000%	0.000%	-0.167%	-5.000%	-1.282%	1.324%	1.818%	1.634%	1.667%
0.000%	0.000%	1.637%	0.000%	2.000%	1.579%	2.484%	3.378%	-1.639%
0.000%	0.000%	-2.692%	0.000%	0.000%	-5.000%	-7.471%	-6.329%	-7.576%
0.000%	0.000%	-3.958%	0.000%	-3.988%	0.503%	-7.447%	-5.389%	-4.348%
0.000%	0.000%	1.067%	0.000%	4.154%	4.982%	5.028%	6.369%	5.747%
-1.667%	0.000%	4.983%	0.000%	3.175%	4.985%	9.146%	6.803%	6.098%
0.083%	0.000%	-4.899%	0.000%	-4.545%	-4.971%	-4.651%	-6.369%	0.408%
0.000%	0.000%	0.859%	0.000%	-0.826%	-5.000%	-10.417%	-5.988%	-4.669%
0.000%	0.000%	-5.000%	0.000%	-2.276%	-4.963%	-3.030%	-5.650%	-3.019%
0.000%	0.000%	-0.910%	-4.337%	0.889%	3.497%	-2.463%	2.609%	1.145%
0.000%	0.000%	-1.001%	0.000%	-1.890%	4.631%	-1.456%	-1.429%	-0.380%
0.000%	0.000%	-0.991%	0.000%	-1.503%	4.982%	-0.962%	1.449%	-2.952%
0.000%	0.000%	-2.039%	0.000%	1.971%	4.978%	0.000%	4.863%	2.652%
0.000%	0.000%	3.258%	0.000%	4.024%	4.960%	6.667%	6.472%	8.197%
-0.250%	0.000%	5.000%	0.000%	4.940%	5.000%	9.551%	6.920%	8.929%
-4.980%	-1.343%	-3.553%	0.000%	-4.924%	-9.944%	-8.718%	-6.472%	-3.863%
0.000%	-0.212%	-0.505%	0.000%	-4.348%	-4.991%	-4.878%	-6.079%	-7.905%
-2.692%	0.000%	-0.901%	0.000%	-2.266%	-4.321%	-2.844%	-2.950%	1.200%

0.000%	0.000%	-2.011%	0.000%	-2.216%	-3.564%	2.927%	0.000%	1.215%
0.000%	0.000%	2.980%	0.000%	-5.000%	-5.000%	-7.658%	-5.571%	-6.792%
0.000%	0.000%	1.957%	0.000%	-1.299%	-4.998%	-7.113%	-5.277%	-6.028%
0.000%	-1.528%	4.973%	0.000%	1.852%	4.987%	5.286%	5.571%	5.224%
0.000%	0.000%	0.543%	0.000%	2.370%	0.522%	-1.304%	1.700%	-0.741%
0.000%	0.000%	-0.541%	0.000%	4.975%	0.789%	3.604%	3.216%	0.000%
0.000%	0.000%	4.520%	0.000%	5.000%	4.683%	9.901%	6.211%	7.143%
0.000%	0.000%	-4.839%	0.000%	-4.694%	-4.974%	-3.810%	-4.734%	-3.077%
0.000%	0.000%	4.143%	0.000%	-2.968%	-4.786%	-4.545%	-3.977%	-1.515%
0.000%	0.000%	-5.000%	0.000%	-4.671%	-4.974%	-5.579%	-5.376%	-5.714%
0.000%	0.000%	-3.093%	0.000%	-0.131%	-4.995%	-2.917%	-5.102%	-4.437%
0.000%	0.000%	-2.020%	0.000%	0.132%	-0.582%	2.564%	-1.508%	-1.347%
0.000%	0.000%	3.125%	0.000%	-0.131%	0.676%	-2.092%	-0.995%	0.000%
0.000%	-0.826%	-2.041%	0.000%	-0.911%	-1.289%	-0.417%	0.752%	-1.000%
0.000%	0.000%	3.212%	0.000%	-0.903%	4.120%	3.004%	5.277%	1.351%
0.000%	0.000%	2.317%	-4.970%	0.649%	0.046%	-0.427%	-4.293%	-1.333%
1.961%	0.000%	-4.967%	-1.198%	-1.911%	-4.680%	-7.874%	-4.808%	-5.660%
0.000%	0.000%	5.000%	-0.358%	2.614%	4.958%	8.085%	5.051%	6.000%
-1.923%	0.000%	-4.664%	-0.770%	0.000%	-4.976%	-1.674%	-4.808%	1.010%
-0.383%	0.000%	-4.829%	-0.530%	-4.969%	-4.979%	-5.534%	-4.805%	-6.309%
0.000%	0.000%	1.435%	0.000%	0.499%	-2.648%	-2.692%	-4.793%	-0.938%
0.381%	4.838%	-3.762%	-0.118%	-3.085%	1.867%	-2.256%	0.879%	-0.621%
0.000%	0.000%	-2.778%	0.000%	-1.607%	-2.626%	-2.564%	-4.008%	-4.451%
0.000%	0.000%	-2.703%	2.410%	1.205%	0.610%	-1.087%	0.424%	0.000%
0.000%	0.000%	-0.359%	0.000%	-1.190%	0.408%	-3.158%	-2.277%	0.597%
0.000%	0.000%	0.587%	0.000%	-0.356%	0.410%	7.547%	1.046%	0.299%
-0.760%	0.000%	-3.612%	0.000%	0.357%	0.577%	-3.986%	-4.400%	-1.765%
-3.676%	0.000%	1.681%	2.469%	5.000%	4.976%	4.151%	4.822%	3.976%
-0.366%	0.000%	4.630%	0.000%	3.896%	4.998%	7.287%	4.835%	3.481%
5.000%	0.000%	-7.057%	0.000%	-2.532%	-4.965%	-5.000%	-9.901%	-4.532%
0.000%	0.000%	-4.988%	0.000%	-3.482%	-3.701%	-7.143%	-4.896%	-2.933%
0.000%	0.000%	-0.041%	0.000%	-1.386%	-0.455%	-3.448%	3.509%	0.294%
0.000%	0.000%	-2.120%	-0.613%	1.220%	1.173%	-1.361%	-10.000%	2.410%
0.000%	-18.864%	-3.809%	-0.610%	-3.529%	-1.404%	-3.922%	-4.841%	-5.682%
0.000%	0.000%	2.403%	0.000%	-2.299%	-2.965%	-0.649%	-4.921%	-1.676%
0.000%	0.000%	-0.471%	3.797%	0.000%	-0.597%	-1.911%	-0.943%	2.286%
0.000%	4.982%	-1.923%	2.597%	-0.057%	-1.064%	-7.101%	0.952%	-3.315%
-4.059%	4.231%	-2.256%	-3.750%	-4.655%	-4.979%	-5.587%	-1.563%	-5.236%
0.370%	0.000%	0.038%	0.251%	-4.896%	-15.475%	-5.291%	4.918%	-4.500%
2.857%	-4.878%	1.721%	-1.421%	0.418%	2.431%	4.709%	1.667%	5.263%
5.000%	0.000%	4.980%	-0.918%	0.367%	-0.452%	5.865%	1.868%	0.796%
-0.798%	-1.205%	4.622%	-0.366%	1.330%	0.617%	6.231%	4.991%	-1.567%
0.000%	1.343%	3.030%	1.863%	0.053%	1.953%	3.548%	4.860%	0.262%
0.000%	0.000%	-3.750%	4.681%	0.481%	-0.592%	6.897%	-4.973%	-2.051%
-4.542%	2.632%	0.840%	3.221%	-0.107%	0.297%	2.113%	4.647%	5.405%
4.044%	4.314%	0.805%	0.000%	1.739%	0.664%	4.412%	4.873%	5.714%
-4.966%	4.437%	4.980%	-1.325%	0.000%	-0.397%	2.642%	4.908%	0.000%

0.000%	1.736%	4.995%	2.721%	1.099%	-1.819%	-0.749%	4.711%	-0.285%
2.692%	1.408%	5.000%	3.814%	0.000%	-0.356%	-1.476%	4.944%	0.862%
0.000%	2.899%	-2.392%	-3.146%	0.442%	1.014%	-0.368%	4.953%	-1.136%
0.000%	0.000%	2.451%	0.000%	-0.385%	1.258%	2.256%	4.950%	2.326%
-0.952%	3.759%	-2.857%	0.000%	-0.055%	-0.494%	-0.375%	2.538%	-1.714%
5.000%	-5.000%	2.041%	-4.631%	0.943%	-0.099%	-1.111%	-1.500%	-2.235%
0.000%	0.719%	-0.097%	5.000%	-0.166%	0.930%	2.662%	0.000%	0.845%
0.000%	-4.990%	-2.830%	-1.351%	-1.848%	0.467%	0.382%	-0.744%	5.970%
0.000%	-5.000%	-2.752%	4.225%	0.054%	0.067%	-0.380%	-2.892%	0.904%
2.716%	0.000%	0.926%	-2.740%	0.218%	2.534%	2.734%	3.750%	6.410%
5.000%	0.000%	2.857%	1.530%	0.935%	3.915%	-1.538%	5.263%	-2.804%
0.000%	0.000%	1.695%	0.000%	1.000%	4.151%	5.263%	5.556%	6.291%
-5.000%	0.000%	4.822%	-4.133%	3.448%	3.411%	2.917%	-3.226%	2.373%
0.000%	0.000%	-4.136%	0.000%	-3.333%	-4.989%	-0.826%	-5.102%	-6.349%
4.676%	0.000%	-4.993%	0.000%	0.559%	-4.983%	-5.469%	-4.854%	-1.254%
5.000%	0.000%	5.000%	0.000%	2.992%	-1.432%	-0.775%	4.569%	6.689%
-3.478%	0.000%	4.146%	-3.351%	-3.978%	-4.990%	-6.522%	-2.475%	-3.548%
0.000%	0.000%	4.989%	0.000%	3.370%	4.859%	2.222%	5.208%	6.897%
0.000%	0.000%	4.958%	-4.785%	-4.785%	-4.973%	-3.571%	1.319%	0.000%
0.000%	-0.645%	4.971%	4.487%	2.167%	3.509%	1.818%	5.571%	3.571%
1.299%	4.027%	4.908%	0.000%	2.041%	-1.189%	-0.722%	-1.644%	-0.709%
-5.000%	-4.974%	3.099%	3.311%	0.227%	2.923%	-2.120%	0.829%	-1.053%
-4.568%	-4.970%	-0.566%	-4.972%	1.208%	3.228%	1.071%	1.401%	5.166%
-5.430%	-0.602%	-1.242%	0.000%	-3.389%	-0.697%	-6.667%	-2.192%	-4.577%
0.000%	0.000%	-3.012%	0.000%	-2.174%	0.209%	3.806%	-2.926%	5.185%
0.000%	0.000%	3.750%	-0.625%	-1.075%	1.201%	2.482%	2.174%	0.000%
5.000%	-1.190%	-2.439%	-2.500%	-1.535%	0.355%	-4.082%	-0.541%	-0.735%
5.000%	-1.176%	-2.090%	1.235%	1.016%	-2.219%	-2.649%	-1.333%	-0.730%
0.083%	0.000%	1.638%	-1.818%	-3.059%	4.493%	-5.625%	1.351%	-1.792%
0.000%	0.000%	1.229%	1.852%	-4.975%	0.291%	3.896%	-3.646%	2.952%
-0.249%	0.000%	-3.095%	0.000%	-3.563%	-2.584%	-0.965%	-4.000%	-6.873%
3.707%	-0.643%	3.576%	-2.410%	3.186%	3.480%	0.974%	2.564%	0.345%
-4.680%	0.000%	-4.588%	0.000%	-3.318%	-2.326%	-3.145%	-3.704%	-2.685%
5.000%	-4.944%	-2.299%	0.000%	-0.519%	-1.585%	-1.852%	-3.571%	0.000%
4.892%	-0.277%	-1.528%	-2.468%	-0.888%	3.273%	-2.115%	-1.869%	-0.667%
4.998%	-5.000%	0.284%	-0.468%	-1.564%	2.079%	-2.647%	-4.889%	-1.316%
4.999%	0.000%	-1.011%	-3.879%	2.547%	0.186%	2.410%	-1.961%	0.662%
-5.000%	-5.000%	1.136%	4.647%	2.415%	3.582%	6.410%	4.795%	3.425%
0.000%	-1.039%	-2.222%	-0.118%	0.000%	-1.293%	2.295%	4.286%	0.344%
0.000%	0.000%	0.000%	-1.161%	-4.122%	3.543%	-1.613%	3.704%	0.692%
0.000%	0.000%	-0.056%	-4.333%	0.000%	1.074%	-4.615%	5.195%	-1.027%
-0.472%	-4.670%	-2.543%	3.270%	2.080%	2.530%	6.557%	5.479%	-0.680%
0.474%	4.950%	5.000%	5.000%	-1.168%	1.786%	7.018%	0.829%	-0.676%
0.000%	0.000%	4.451%	0.000%	4.492%	2.251%	0.352%	1.401%	2.069%
0.000%	0.000%	0.119%	0.000%	1.386%	1.465%	-0.351%	0.847%	-0.344%
0.000%	-4.717%	-4.969%	0.000%	0.348%	-0.854%	-1.724%	-3.804%	-2.349%
4.554%	-3.636%	-0.506%	2.469%	4.953%	-0.213%	-1.024%	-1.604%	-0.334%

-3.148%	0.000%	-1.440%	2.857%	3.118%	-2.938%	-1.678%	1.355%	-1.320%
4.999%	0.917%	-1.419%	5.000%	0.162%	1.597%	2.055%	4.237%	1.000%
5.000%	1.774%	-2.553%	2.740%	0.378%	-1.978%	2.817%	-1.667%	-1.316%
5.000%	5.000%	3.410%	1.389%	2.778%	4.702%	-0.699%	0.840%	2.357%
3.093%	-4.673%	-1.196%	0.000%	0.334%	4.603%	-1.379%	-1.653%	0.000%
1.512%	0.000%	-0.915%	-0.690%	-0.333%	0.226%	-1.361%	0.554%	1.020%
0.000%	3.883%	4.915%	0.000%	-2.174%	-1.427%	1.379%	-1.902%	-2.649%
-1.714%	3.000%	4.118%	-0.685%	1.939%	1.493%	0.346%	-0.271%	2.721%
0.000%	0.000%	-1.048%	1.389%	-0.551%	-0.808%	-3.667%	-1.337%	-2.970%
0.000%	0.000%	0.999%	3.896%	0.833%	1.411%	5.634%	-0.796%	1.338%

Kohat Cement Co Ltd	Pakistan Slag Cement Ltd	Pioneer Cement Ltd	BOC (PAK) Ltd	Buxly Paints Ltd	ICI Pak Ltd	Nimr Ind Chemicals (Ravi Alkalis)	Sardar Chemicals Ind Ltd	Habib Metropolitan Bank Ltd
3.993%	0.000%	1.190%	0.177%	0.000%	1.315%	-1.471%	0.000%	-1.269%
-0.661%	0.000%	0.478%	-0.353%	0.000%	-1.638%	1.493%	0.000%	-0.141%
1.340%	0.000%	0.240%	0.319%	0.000%	0.129%	0.000%	0.000%	1.429%
2.051%	0.000%	1.460%	-0.318%	4.405%	-0.129%	-1.471%	0.000%	-2.710%
-4.723%	0.000%	-4.861%	-0.702%	0.000%	-1.444%	-1.449%	-9.091%	1.338%
4.068%	0.000%	-3.571%	0.352%	0.000%	0.085%	4.545%	0.000%	0.000%
-1.667%	0.000%	-1.538%	-2.740%	-4.961%	-1.590%	-5.714%	0.000%	-1.662%
-4.762%	-5.000%	0.000%	-1.351%	0.000%	-0.994%	-2.778%	0.000%	-0.824%
-0.787%	-3.614%	0.664%	-0.671%	0.000%	-0.248%	-1.370%	-5.714%	1.111%
-0.936%	3.750%	-1.739%	0.676%	0.000%	1.638%	-1.351%	7.692%	-0.690%
-2.287%	-3.614%	-1.919%	-0.671%	0.000%	0.042%	0.000%	6.557%	-2.027%
1.548%	0.000%	0.000%	2.055%	0.000%	1.406%	2.778%	-17.568%	0.000%
-0.920%	0.000%	-2.088%	0.413%	0.000%	-0.970%	0.000%	0.000%	1.093%
0.000%	0.000%	0.209%	3.121%	0.000%	-3.344%	-5.263%	2.778%	-1.081%
-1.212%	0.000%	-4.208%	0.392%	0.000%	0.492%	-1.299%	0.000%	-0.270%
-4.624%	0.000%	-2.918%	0.321%	-4.867%	4.991%	8.451%	0.000%	0.270%
2.216%	0.000%	-3.019%	0.647%	0.000%	0.606%	4.412%	0.000%	0.680%
4.961%	1.220%	2.317%	0.797%	0.000%	-1.282%	-1.449%	-2.703%	-1.869%
4.878%	2.500%	4.858%	-0.289%	0.000%	-0.847%	-1.429%	0.000%	-0.663%
-4.651%	0.000%	-3.516%	0.435%	0.000%	-0.380%	4.478%	0.000%	0.533%
-2.273%	-3.614%	2.811%	1.286%	0.000%	-0.295%	-8.219%	0.000%	-1.445%
-1.493%	3.750%	-3.861%	-0.766%	0.000%	0.423%	-1.351%	0.000%	0.132%
-2.332%	-3.614%	-2.079%	-0.832%	0.000%	0.767%	0.000%	-7.500%	0.000%
3.782%	1.220%	1.731%	1.654%	0.000%	-0.170%	-5.128%	0.000%	-0.524%
4.921%	5.128%	2.161%	0.890%	0.000%	0.513%	0.000%	-18.367%	0.659%
5.000%	-4.878%	3.878%	0.597%	0.000%	0.000%	18.182%	25.641%	0.000%
-2.280%	0.000%	-2.000%	-0.149%	0.000%	0.515%	4.762%	-1.266%	2.498%
-2.229%	3.797%	-0.200%	-0.666%	0.000%	-1.146%	-3.077%	-4.819%	-1.267%
2.114%	0.000%	-2.148%	-2.101%	0.000%	0.213%	-1.515%	31.746%	1.146%
-4.503%	-7.059%	0.392%	-0.648%	0.000%	0.342%	1.538%	0.000%	-1.133%
-4.874%	0.000%	-2.857%	-0.072%	0.000%	-1.514%	0.000%	-10.000%	0.000%
-3.972%	-2.299%	4.582%	0.361%	0.000%	2.944%	1.563%	0.000%	-1.055%
-4.858%	0.000%	-4.924%	-0.717%	-4.775%	-0.431%	0.000%	0.000%	1.745%
-5.000%	0.000%	-12.000%	-0.286%	0.000%	-0.855%	-8.571%	0.000%	-1.455%
-2.864%	2.353%	-1.961%	-0.886%	0.000%	0.257%	4.478%	-18.605%	-0.982%
-4.970%	0.000%	-3.622%	-0.564%	4.860%	0.344%	-2.899%	0.000%	1.260%
0.835%	-4.494%	-2.607%	1.683%	0.000%	-1.441%	-5.479%	0.000%	2.376%
0.239%	0.000%	-4.956%	0.000%	0.000%	0.000%	2.817%	10.256%	4.765%
-2.108%	-2.198%	-4.986%	-1.028%	0.000%	-1.585%	-4.054%	32.203%	-5.000%
-1.726%	-2.151%	-5.000%	-0.669%	0.000%	0.335%	-1.333%	18.000%	2.849%

-13.618%	0.000%	-4.282%	-0.699%	0.000%	-1.240%	1.351%	0.000%	2.347%
0.600%	5.682%	-0.251%	1.418%	0.000%	0.000%	0.000%	0.000%	-5.000%
1.010%	-4.348%	1.921%	0.714%	0.000%	2.935%	-1.333%	0.000%	3.497%
0.101%	0.000%	0.128%	-0.709%	0.000%	0.470%	-2.597%	0.000%	1.347%
0.918%	4.545%	-1.266%	0.249%	0.000%	-1.266%	4.054%	16.279%	-4.983%
0.000%	-1.124%	-1.741%	1.187%	0.000%	0.637%	-1.333%	-23.214%	-4.990%
-3.733%	4.706%	0.500%	-0.358%	0.000%	-1.050%	-3.846%	0.000%	-3.459%
-2.115%	-4.494%	-1.961%	0.649%	0.000%	0.000%	-1.266%	0.000%	0.559%
-0.763%	-3.261%	-0.851%	1.464%	0.000%	0.295%	0.000%	0.000%	-0.310%
1.550%	-2.128%	1.106%	0.441%	0.000%	0.979%	-3.659%	0.000%	-1.524%
-0.674%	4.444%	-1.691%	0.592%	-4.902%	0.427%	-2.381%	0.000%	0.923%
-2.897%	7.143%	0.242%	0.708%	0.000%	1.872%	12.000%	0.000%	-0.915%
-0.742%	-11.579%	-0.242%	-0.556%	-4.927%	0.306%	2.740%	0.000%	-2.381%
2.180%	-2.062%	-0.481%	-0.735%	0.000%	-0.174%	-5.195%	0.000%	2.252%
-4.955%	0.000%	-3.256%	0.000%	0.000%	-1.121%	-1.282%	0.000%	4.984%
3.352%	7.778%	-1.489%	1.493%	0.000%	0.000%	2.632%	0.000%	4.963%
3.071%	0.000%	0.576%	1.208%	0.000%	0.870%	2.703%	0.000%	5.000%
4.935%	0.000%	0.347%	0.303%	0.000%	0.043%	-1.333%	0.000%	3.273%
-0.700%	-3.226%	4.976%	-0.227%	0.000%	1.278%	-1.316%	-6.667%	0.292%
-1.478%	0.000%	2.360%	0.000%	0.000%	2.206%	-2.564%	-7.692%	0.366%
-0.295%	8.140%	4.954%	-1.269%	0.000%	-1.943%	4.000%	0.000%	2.707%
-0.098%	2.381%	4.925%	1.515%	0.000%	0.756%	0.000%	0.000%	0.000%
0.592%	-11.579%	1.528%	-0.789%	0.000%	3.119%	0.000%	18.182%	1.527%
-1.746%	5.556%	0.000%	0.795%	-4.937%	-0.864%	-1.316%	-8.333%	-2.239%
-0.865%	7.143%	-2.703%	-1.087%	0.000%	-0.946%	-1.299%	-3.226%	-0.372%
-1.701%	-6.667%	-1.987%	0.452%	0.000%	-1.770%	1.316%	-4.615%	0.074%
0.189%	-8.163%	0.533%	-0.858%	-0.629%	0.803%	-3.797%	-7.143%	-0.444%
-1.767%	4.255%	0.267%	0.752%	0.000%	-1.882%	0.000%	-9.091%	-1.747%
3.365%	-1.053%	3.168%	-0.375%	0.000%	3.394%	2.597%	-20.619%	0.733%
-0.858%	0.000%	-3.071%	1.136%	0.000%	-1.030%	-1.282%	0.000%	0.442%
-0.095%	-5.000%	0.537%	-1.124%	0.000%	-1.975%	-1.266%	0.000%	-0.513%
-0.756%	0.000%	-1.194%	-0.373%	0.000%	-1.300%	1.282%	0.000%	-0.727%
-1.306%	1.010%	1.617%	-1.471%	0.000%	0.000%	1.299%	0.000%	0.365%
-1.651%	0.000%	-2.111%	3.540%	0.000%	-0.987%	-2.532%	0.000%	-1.083%
2.830%	0.000%	1.745%	-1.241%	0.000%	0.000%	1.282%	-2.020%	4.135%
0.284%	0.000%	0.000%	2.268%	0.000%	0.648%	-3.704%	0.000%	-1.408%
-0.283%	-5.714%	-0.534%	-1.849%	0.000%	-1.531%	0.000%	0.000%	-2.104%
2.713%	14.130%	3.740%	0.417%	0.000%	-0.843%	1.250%	0.000%	-1.571%
-0.290%	0.000%	0.000%	-0.565%	0.000%	3.400%	1.266%	-1.000%	3.704%
0.976%	0.000%	-1.501%	1.105%	0.000%	4.989%	1.282%	0.000%	2.975%
-4.917%	-8.000%	-4.929%	-2.778%	0.000%	-4.917%	-6.024%	0.000%	-5.000%
-1.553%	0.000%	-4.815%	-0.148%	0.000%	-4.963%	-1.190%	0.000%	-1.429%
0.922%	-2.913%	0.000%	0.896%	0.000%	0.332%	0.000%	8.696%	-1.269%
-3.641%	0.000%	-4.818%	-0.741%	0.000%	-3.600%	-3.448%	-12.381%	-0.839%
-0.880%	-6.364%	0.000%	0.000%	-4.904%	-1.225%	-1.136%	0.000%	2.878%
2.066%	0.000%	-1.618%	-0.735%	4.893%	-0.939%	1.149%	0.000%	0.000%
-1.852%	10.000%	0.581%	-0.366%	3.776%	-0.892%	-2.247%	5.000%	3.731%

2.532%	0.000%	0.939%	-0.727%	0.000%	2.342%	1.136%	0.000%	-1.398%
0.545%	0.000%	-3.620%	-0.722%	0.000%	-0.749%	0.000%	-4.762%	2.180%
-1.610%	-1.961%	0.683%	0.362%	0.000%	-3.864%	-2.222%	0.000%	-1.115%
-2.443%	-9.735%	1.738%	-0.719%	0.000%	3.286%	0.000%	0.000%	0.976%
0.526%	0.000%	-3.575%	-0.608%	0.000%	1.348%	-1.099%	0.000%	0.909%
-0.262%	-4.237%	-0.223%	-0.463%	0.000%	-0.198%	-2.151%	-0.943%	-0.602%
-1.039%	0.000%	-0.333%	1.812%	0.000%	-0.980%	2.198%	6.000%	0.075%
-1.282%	11.321%	1.466%	-1.779%	0.000%	1.592%	0.000%	0.000%	0.683%
3.084%	-10.924%	4.970%	0.717%	0.000%	0.681%	0.000%	0.000%	-0.902%
-1.304%	0.000%	-1.744%	1.087%	0.000%	1.671%	-1.087%	0.000%	0.758%
0.789%	6.250%	0.233%	-2.817%	0.000%	-2.309%	-2.128%	-4.762%	-0.752%
-1.553%	1.818%	-0.809%	0.000%	0.000%	2.951%	0.000%	-2.778%	0.910%
0.086%	-5.983%	-1.593%	0.000%	0.000%	-0.813%	2.174%	3.846%	0.996%
-0.941%	4.464%	0.803%	-0.560%	0.000%	-0.606%	-1.075%	0.000%	0.539%
1.125%	-2.609%	0.230%	2.109%	0.000%	-0.921%	-1.064%	-0.952%	-0.765%
-1.617%	0.000%	-0.344%	1.341%	0.000%	-3.664%	-3.093%	10.526%	-1.654%
0.000%	-2.542%	0.345%	-0.719%	0.000%	4.980%	2.105%	-1.042%	-0.746%
-0.255%	-1.667%	-3.333%	0.725%	0.000%	-0.363%	-2.062%	0.000%	0.752%
-0.842%	1.695%	1.351%	-0.684%	0.000%	0.854%	2.105%	0.000%	2.229%
-0.835%	-0.840%	-2.203%	0.000%	0.000%	3.061%	-2.062%	0.000%	-2.910%
0.927%	0.000%	3.182%	0.688%	0.000%	-1.446%	6.593%	-1.031%	4.688%
4.489%	-0.833%	-1.566%	-0.576%	0.000%	1.255%	-2.151%	0.000%	-2.883%
-1.045%	14.286%	0.112%	1.314%	0.000%	-2.049%	1.087%	-3.960%	-0.152%
2.500%	-1.869%	-0.112%	1.481%	0.000%	3.390%	-1.075%	0.000%	0.000%
4.478%	0.000%	3.233%	-2.174%	0.000%	4.982%	1.087%	3.061%	0.000%
0.752%	0.000%	0.698%	1.471%	0.000%	1.261%	4.545%	-2.000%	-1.493%
-5.000%	-2.727%	-2.935%	-6.175%	0.000%	2.540%	-5.376%	0.000%	-2.047%
0.000%	-3.509%	3.023%	4.356%	0.000%	-1.546%	0.000%	-9.091%	0.959%
1.083%	0.885%	0.233%	4.989%	0.000%	0.641%	-1.064%	-8.333%	2.110%
4.924%	0.000%	0.468%	5.000%	0.000%	4.998%	2.174%	-4.000%	-1.922%
2.924%	11.881%	-1.613%	-0.787%	0.000%	0.289%	2.222%	-3.101%	0.000%
-4.912%	-12.174%	-4.929%	0.435%	0.000%	-4.904%	-4.255%	0.000%	-1.600%
1.030%	4.545%	4.462%	0.158%	0.000%	-3.065%	-6.931%	0.000%	4.962%
4.912%	1.852%	4.671%	4.990%	0.000%	4.991%	-0.980%	0.000%	3.968%
4.948%	8.000%	4.899%	-0.620%	0.000%	4.995%	13.333%	-7.194%	2.024%
-3.097%	-9.091%	-4.785%	-3.968%	0.000%	-4.979%	-2.174%	0.000%	-5.000%
-4.938%	0.000%	-5.000%	-0.474%	0.000%	-3.198%	-1.075%	11.200%	0.000%
-2.319%	3.774%	-3.509%	-1.479%	0.000%	-4.310%	-5.102%	14.679%	-3.346%
0.000%	0.000%	-0.870%	-0.388%	0.000%	-0.812%	0.000%	0.000%	1.128%
0.000%	-0.935%	-1.499%	-1.901%	0.000%	-2.297%	-2.000%	-6.838%	-2.564%
-1.821%	-6.140%	-2.301%	-2.520%	0.000%	-2.643%	-3.846%	7.339%	-1.230%
1.950%	-8.065%	-1.848%	4.574%	0.000%	1.991%	-2.804%	0.000%	2.522%
4.971%	5.085%	4.731%	4.074%	0.000%	4.963%	7.000%	0.000%	4.984%
4.908%	18.000%	4.494%	2.311%	0.000%	4.982%	12.360%	0.000%	2.311%
-4.956%	-9.091%	-0.336%	-4.681%	-0.260%	-4.993%	-3.261%	-0.909%	-4.996%
-4.545%	0.000%	-5.000%	-3.014%	0.000%	-3.276%	-5.155%	0.000%	-4.964%
1.698%	0.000%	-4.954%	2.383%	0.000%	0.549%	0.000%	0.000%	-0.714%

-1.761%	0.000%	-0.101%	-3.759%	0.000%	0.382%	0.000%	0.000%	-0.356%
-4.513%	-9.091%	-0.802%	-0.375%	-1.282%	-4.994%	-4.902%	0.000%	-1.748%
-3.830%	0.000%	-4.952%	-0.373%	0.000%	-1.468%	-4.673%	0.000%	-2.122%
2.352%	2.542%	0.865%	0.563%	0.000%	-0.395%	-4.464%	0.000%	2.168%
-0.692%	1.724%	0.386%	-4.137%	0.000%	-0.394%	9.804%	7.843%	-1.920%
0.609%	-3.333%	2.167%	0.000%	0.000%	3.928%	8.511%	-9.735%	0.000%
3.142%	1.695%	-0.490%	0.725%	0.000%	1.833%	4.444%	0.000%	4.069%
-0.536%	2.609%	-0.875%	-0.719%	-2.378%	-4.724%	-5.263%	0.000%	-1.338%
-4.762%	-5.738%	2.900%	0.000%	0.000%	-4.619%	1.064%	-4.237%	-1.389%
-4.931%	0.000%	-4.943%	-1.418%	0.000%	-5.000%	2.174%	-0.840%	-1.907%
-0.242%	-3.937%	-4.968%	0.463%	0.000%	-2.593%	-3.158%	0.000%	-0.811%
0.324%	-2.308%	-1.161%	0.036%	0.000%	0.352%	-1.042%	6.250%	0.000%
0.733%	0.000%	0.179%	-0.496%	0.000%	-0.350%	0.000%	10.891%	2.778%
-1.048%	0.000%	-1.930%	0.000%	-1.358%	-0.140%	-1.031%	-1.942%	0.000%
-0.800%	0.000%	1.786%	0.714%	0.000%	2.035%	2.105%	-6.364%	0.699%
2.459%	-6.475%	0.000%	-2.098%	0.000%	-0.320%	-2.062%	-1.786%	0.351%
-4.613%	0.725%	-1.754%	0.351%	0.000%	-2.329%	-6.731%	-6.667%	-1.042%
3.395%	10.400%	3.448%	1.064%	-0.978%	4.164%	7.216%	0.000%	2.857%
-1.669%	-3.846%	-5.000%	-1.981%	-2.619%	-2.746%	1.042%	0.000%	0.071%
-4.985%	0.000%	-1.695%	-0.450%	-4.110%	-2.069%	-8.571%	0.000%	-4.178%
-2.288%	-2.985%	-2.399%	0.487%	4.286%	0.346%	-2.778%	0.000%	-1.151%
0.594%	0.000%	-0.083%	-0.139%	-4.328%	-1.701%	-0.917%	0.000%	-3.464%
-2.108%	-6.944%	-1.626%	-0.587%	-0.227%	2.083%	0.926%	-1.639%	-0.649%
1.400%	2.857%	1.653%	-0.788%	-0.901%	-2.041%	0.935%	0.000%	-0.645%
-0.586%	-0.709%	-0.820%	0.000%	0.000%	2.261%	0.943%	0.000%	-1.525%
1.261%	-1.399%	0.826%	-1.151%	0.000%	-0.174%	0.952%	0.000%	1.548%
-2.319%	-0.694%	-3.122%	1.862%	1.024%	-0.277%	-0.943%	0.000%	-3.125%
4.545%	6.667%	4.958%	0.000%	0.000%	-0.688%	0.000%	0.000%	2.564%
3.367%	-3.571%	-0.418%	0.000%	0.000%	1.892%	-1.852%	0.000%	0.000%
0.157%	-5.405%	-4.400%	0.000%	4.893%	-2.594%	0.935%	0.000%	0.000%
-1.772%	0.000%	-3.846%	-1.327%	0.000%	-2.398%	-4.464%	-5.426%	-3.106%
3.016%	4.225%	0.000%	-0.440%	0.000%	1.419%	-2.609%	5.738%	0.562%
4.738%	-0.699%	4.000%	0.204%	4.750%	3.136%	0.000%	-6.154%	0.376%
-4.372%	-0.694%	-2.799%	-0.473%	0.000%	-2.381%	-4.167%	18.182%	-0.313%
-0.710%	-4.636%	-1.380%	0.000%	0.000%	-2.681%	-1.639%	0.000%	0.000%
1.037%	3.425%	0.540%	-1.954%	0.000%	1.104%	1.667%	0.000%	-0.125%
0.723%	-2.667%	0.621%	2.097%	0.000%	-1.386%	-2.439%	-2.655%	0.755%
-4.671%	-3.846%	-4.235%	-0.739%	0.000%	-1.623%	-7.519%	0.000%	1.145%
-4.602%	-3.106%	-4.403%	-0.034%	-4.762%	-3.206%	0.000%	0.000%	-1.132%
0.662%	1.899%	1.441%	0.269%	0.000%	0.063%	-4.317%	-2.586%	-0.376%
-3.546%	-0.629%	4.361%	-0.034%	0.000%	0.157%	5.303%	0.000%	-1.421%
-2.015%	-2.454%	-0.150%	-0.235%	0.000%	-1.398%	9.091%	0.000%	1.188%
1.338%	-2.395%	0.909%	0.067%	0.000%	1.258%	2.542%	0.000%	0.000%
-1.662%	1.212%	-0.528%	0.269%	0.000%	-2.334%	9.259%	0.000%	-0.990%
-0.207%	11.486%	0.075%	0.000%	0.000%	2.069%	0.935%	0.870%	0.373%
2.624%	3.497%	-0.674%	-1.000%	0.000%	1.592%	0.943%	5.505%	-0.923%
-0.704%	3.623%	4.297%	0.033%	2.314%	-0.570%	3.922%	0.926%	1.563%

0.000%	-1.429%	2.729%	0.604%	0.000%	0.895%	-0.971%	-3.571%	-0.498%
0.709%	1.449%	0.728%	0.235%	-2.262%	-0.287%	0.000%	-8.943%	1.772%
-2.557%	0.000%	-0.242%	-0.834%	0.000%	1.193%	0.980%	2.500%	0.317%
2.624%	-2.128%	1.473%	0.301%	0.000%	0.065%	-1.923%	6.195%	-28.733%
2.174%	0.714%	-1.213%	-0.333%	0.000%	-1.274%	0.000%	-5.833%	-0.986%
3.759%	-1.408%	-1.277%	1.010%	0.000%	0.128%	-1.887%	0.000%	0.904%
1.994%	0.000%	-1.105%	-0.336%	0.000%	2.853%	0.952%	-7.692%	0.317%
-1.955%	0.709%	3.260%	0.034%	0.000%	0.296%	-1.869%	-0.763%	1.989%
-1.481%	0.714%	-1.048%	-0.034%	0.000%	1.165%	-1.835%	-12.667%	2.464%
2.506%	0.000%	3.766%	0.337%	0.000%	4.997%	6.863%	12.782%	3.431%
4.940%	-0.709%	4.917%	0.849%	0.000%	0.421%	7.368%	-0.746%	-0.488%
2.869%	8.462%	4.977%	0.170%	0.000%	-1.690%	-4.040%	11.667%	1.485%
2.349%	5.691%	0.185%	0.341%	0.000%	3.795%	7.609%	0.000%	-0.493%
-4.944%	-4.651%	-5.000%	-0.170%	-2.326%	-5.000%	-7.071%	0.000%	-0.490%
-5.000%	0.781%	-4.121%	-0.845%	0.000%	-1.672%	-8.333%	-6.250%	-0.923%
-1.493%	-7.246%	0.934%	-1.169%	0.000%	1.528%	6.931%	0.000%	4.997%
-4.965%	-4.828%	-5.000%	0.842%	0.000%	-5.000%	-9.821%	-1.538%	-4.760%
0.642%	3.571%	2.058%	-1.427%	0.000%	-0.673%	7.692%	0.000%	-0.049%
-3.975%	4.478%	-4.930%	-0.232%	-4.656%	-4.992%	-8.772%	-7.143%	-2.830%
2.028%	-4.286%	0.789%	1.003%	0.000%	-0.061%	-1.724%	0.000%	-0.935%
1.779%	0.000%	-0.938%	0.000%	-1.528%	-4.973%	1.754%	-4.110%	0.000%
0.357%	0.000%	3.896%	1.014%	1.440%	-4.448%	-3.390%	0.690%	-1.835%
2.339%	-4.110%	4.940%	-1.333%	-4.947%	-0.440%	5.357%	5.072%	2.347%
0.073%	-2.013%	-3.374%	0.671%	-5.000%	3.472%	-9.677%	13.115%	-4.054%
-4.937%	0.676%	-0.410%	-0.334%	-0.299%	4.990%	-2.362%	0.000%	-0.448%
1.054%	2.069%	-1.613%	-0.961%	4.916%	-0.060%	4.098%	-6.154%	2.294%
-4.943%	1.399%	-1.431%	-0.033%	4.710%	-1.034%	-3.175%	-0.763%	-1.134%
-2.157%	-1.379%	0.963%	0.000%	4.943%	-1.139%	0.000%	0.769%	5.000%
0.000%	-1.361%	-0.954%	-0.658%	4.567%	5.000%	-1.563%	4.839%	1.942%
4.938%	0.000%	-0.159%	-0.654%	4.918%	1.242%	-0.775%	0.000%	-0.962%
0.621%	-3.289%	-0.787%	0.000%	4.894%	0.625%	-0.769%	-6.061%	0.971%
1.899%	-1.935%	2.834%	-0.971%	5.000%	3.226%	0.000%	6.452%	-0.962%
-4.947%	-0.641%	-5.000%	-1.467%	4.956%	-3.125%	-0.763%	-3.876%	-0.526%
-1.579%	-2.500%	-0.383%	0.610%	0.000%	3.426%	-1.504%	7.500%	-4.911%
-0.654%	0.000%	-2.247%	-0.096%	0.000%	-1.087%	-1.481%	-0.826%	0.872%
-0.261%	-1.235%	-1.257%	-1.577%	0.000%	1.889%	-2.174%	-2.419%	-1.802%
-1.096%	-1.818%	4.969%	1.213%	0.000%	2.231%	2.222%	0.813%	0.909%
2.647%	3.125%	4.971%	1.000%	0.000%	5.000%	3.053%	0.000%	0.825%
-1.242%	1.911%	4.962%	-1.867%	3.625%	0.210%	-2.239%	-3.906%	-0.818%
-2.111%	0.641%	2.544%	-1.863%	0.000%	-1.040%	-0.741%	4.918%	-0.901%
-1.698%	-2.500%	0.885%	-1.227%	0.000%	-1.030%	-4.255%	-5.426%	0.863%
-1.548%	0.000%	-2.586%	-3.550%	-4.611%	1.710%	3.676%	4.878%	0.045%
-11.312%	0.000%	2.113%	0.625%	0.000%	0.385%	0.741%	-1.600%	-0.901%
0.719%	0.629%	0.978%	1.205%	-4.932%	1.170%	0.746%	0.000%	-1.333%
2.727%	-3.049%	-0.706%	-1.805%	0.000%	0.071%	1.515%	0.000%	1.351%
-1.895%	0.613%	-1.307%	0.297%	0.000%	-2.457%	-4.348%	0.000%	-1.770%
0.000%	-5.233%	-0.949%	0.597%	0.000%	0.173%	-2.817%	0.000%	-1.696%

-1.429%	-0.578%	-1.780%	-1.325%	-3.947%	-1.469%	3.650%	0.000%	4.405%
-1.033%	2.976%	3.327%	-0.059%	-4.762%	0.274%	8.730%	-3.846%	1.009%
0.437%	5.000%	-0.696%	-1.077%	-0.250%	-1.816%	1.613%	-3.704%	1.395%
2.291%	4.575%	1.770%	-2.388%	0.000%	-0.034%	-4.615%	10.656%	0.280%
-0.112%	-3.165%	0.089%	-4.142%	0.000%	3.695%	-1.515%	-6.154%	2.830%
-0.500%	-4.242%	0.445%	0.273%	0.000%	0.385%	-0.752%	4.839%	-0.762%
0.896%	8.553%	2.182%	-0.813%	0.000%	-1.039%	0.758%	0.000%	-0.803%
5.000%	-3.185%	1.010%	-1.547%	2.960%	0.627%	-1.493%	10.714%	-0.094%
0.236%	1.948%	-2.156%	4.693%	5.000%	-0.692%	-2.190%	0.901%	-1.624%
-0.877%	1.316%	0.090%	0.000%	2.778%	1.226%	-0.725%	-7.500%	-0.231%

Muslim Commercial Bank	Meezan Bank Ltd	Packages Ltd.	KSE HPY	KSE HPR
0.203%	1.804%	-200.000%	0.262%	100.262%
0.756%	-1.772%	-206.977%	0.068%	100.068%
5.000%	2.597%	-208.511%	1.328%	101.328%
-0.661%	-1.282%	-182.500%	-0.294%	99.706%
-4.983%	-1.266%	-214.894%	-2.547%	97.453%
1.899%	-0.504%	-202.083%	1.261%	101.261%
-5.000%	-1.975%	-188.372%	-2.763%	97.237%
-1.354%	-1.220%	-206.522%	-1.995%	98.005%
-1.128%	-1.914%	-200.000%	-0.496%	99.504%
0.096%	0.481%	-178.947%	0.150%	100.150%
-0.495%	0.000%	-205.000%	-0.536%	99.464%
2.140%	0.000%	-200.000%	0.577%	100.577%
0.097%	0.000%	-185.714%	0.213%	100.213%
-0.869%	-1.887%	-210.256%	-0.758%	99.242%
1.172%	1.193%	-170.000%	-0.331%	99.669%
4.065%	0.239%	-200.000%	1.206%	101.206%
1.360%	0.000%	-209.091%	1.280%	101.280%
-3.843%	-0.713%	-200.000%	0.281%	100.281%
-1.020%	-4.535%	-200.000%	-2.178%	97.822%
1.190%	0.227%	-196.875%	0.233%	100.233%
-1.273%	-0.452%	-196.774%	-1.561%	98.439%
-0.777%	4.000%	-200.000%	0.116%	100.116%
0.646%	1.675%	-200.000%	-1.108%	98.892%
-0.039%	0.240%	-200.000%	0.035%	100.035%
2.403%	0.725%	-203.125%	2.075%	102.075%
-0.834%	0.730%	-193.333%	0.223%	100.223%
3.112%	-0.725%	-200.000%	1.827%	101.827%
-3.858%	-0.241%	-200.000%	-2.558%	97.442%
-1.550%	-1.891%	-228.571%	-1.333%	98.667%
0.781%	1.196%	-183.333%	0.338%	100.338%
-2.383%	-2.564%	-200.000%	-0.512%	99.488%
0.943%	-4.878%	-150.000%	1.170%	101.170%
2.083%	-4.852%	-200.000%	0.041%	100.041%
-4.984%	4.405%	-200.000%	-2.131%	97.869%
-1.706%	4.850%	-200.000%	-0.398%	99.602%
0.926%	4.843%	-200.000%	0.041%	100.041%
-0.917%	3.250%	-200.000%	-2.082%	97.918%
-0.819%	1.523%	-200.000%	-0.598%	99.402%
0.091%	-2.956%	-200.000%	-2.795%	97.205%
-2.469%	0.495%	-200.000%	-1.740%	98.260%

2.625%	-1.463%	-200.000%	-0.320%	99.680%
0.458%	-4.651%	-200.000%	1.452%	101.452%
1.149%	-1.149%	-200.000%	2.075%	102.075%
1.676%	-2.247%	-200.000%	2.371%	102.371%
-0.506%	-2.198%	-200.000%	-0.140%	99.860%
0.698%	-1.087%	-200.000%	0.402%	100.402%
-1.634%	-1.288%	-240.000%	-0.054%	99.946%
-0.938%	1.525%	-200.000%	-0.662%	99.338%
2.604%	-0.217%	-200.000%	0.150%	100.150%
-3.496%	-0.433%	-200.000%	0.145%	100.145%
0.586%	0.435%	-200.000%	0.656%	100.656%
4.198%	1.545%	-200.000%	1.035%	101.035%
1.946%	4.861%	-200.000%	1.434%	101.434%
-1.344%	0.935%	-200.000%	-0.222%	99.778%
2.157%	4.390%	-200.000%	0.987%	100.987%
-0.391%	0.000%	-200.000%	-0.155%	99.845%
0.491%	0.000%	-200.000%	1.364%	101.364%
-0.176%	1.990%	-200.000%	0.791%	100.791%
-1.047%	0.249%	-200.000%	0.511%	100.511%
-0.039%	-2.195%	-200.000%	-0.519%	99.481%
4.878%	0.985%	-200.000%	1.465%	101.465%
2.543%	0.995%	-200.000%	1.249%	101.249%
3.943%	-0.985%	-200.000%	1.249%	101.249%
1.117%	0.995%	-200.000%	0.282%	100.282%
-0.306%	-2.427%	-200.000%	-1.036%	98.964%
0.329%	1.980%	-200.000%	-0.439%	99.561%
0.862%	0.498%	-200.000%	0.386%	100.386%
-2.688%	-22.692%	-200.000%	-1.650%	98.350%
3.563%	0.193%	-200.000%	2.676%	102.676%
-0.839%	0.193%	-200.000%	-0.726%	99.274%
1.456%	0.000%	-200.000%	0.375%	100.375%
-2.127%	1.768%	-200.000%	-1.408%	98.592%
2.013%	1.800%	-200.000%	0.680%	100.680%
0.562%	0.806%	-200.000%	-1.236%	98.764%
-0.914%	2.692%	-200.000%	-0.433%	99.567%
4.642%	0.625%	-216.667%	1.068%	101.068%
-0.302%	2.784%	0.000%	-0.226%	99.774%
3.465%	2.188%	0.000%	1.439%	101.439%
-1.000%	2.466%	0.000%	0.675%	100.675%
3.988%	3.721%	0.000%	3.044%	103.044%
-4.989%	-3.153%	0.000%	-3.729%	96.271%
-4.987%	-2.418%	0.000%	-2.810%	97.190%
0.540%	1.111%	0.000%	0.219%	100.219%
-2.882%	-2.597%	0.000%	-2.482%	97.518%
-0.370%	0.435%	0.000%	-0.769%	99.231%
0.723%	-1.075%	0.000%	0.053%	100.053%
0.088%	-1.064%	0.000%	-0.184%	99.816%

2.703%	2.620%	0.000%	2.519%	102.519%
-1.552%	1.778%	0.000%	-0.860%	99.140%
-1.421%	0.000%	0.000%	-1.128%	98.872%
0.527%	-3.433%	0.000%	-1.225%	98.775%
-4.990%	-4.898%	0.000%	-1.601%	98.399%
1.785%	-2.390%	0.000%	-0.163%	99.837%
-0.170%	-3.462%	0.000%	0.687%	100.687%
0.726%	0.775%	0.000%	0.951%	100.951%
3.540%	1.176%	0.000%	1.068%	101.068%
-0.110%	1.594%	0.000%	0.487%	100.487%
1.571%	-0.791%	0.000%	0.090%	100.090%
0.655%	1.606%	-100.000%	1.392%	101.392%
-0.762%	-1.969%	-100.000%	-0.736%	99.264%
0.450%	1.600%	-100.000%	0.843%	100.843%
-1.421%	0.604%	-100.000%	-0.562%	99.438%
-0.266%	-1.389%	-100.000%	0.492%	100.492%
3.246%	2.648%	-100.000%	0.907%	100.907%
-0.591%	-0.203%	-100.000%	0.578%	100.578%
1.429%	-0.405%	-100.000%	-0.001%	99.999%
-1.633%	-2.756%	-100.000%	0.076%	100.076%
2.941%	0.000%	-100.000%	2.445%	102.445%
-1.085%	-0.392%	-100.000%	-0.790%	99.210%
0.651%	1.190%	-100.000%	0.121%	100.121%
-1.915%	0.398%	-100.000%	0.951%	100.951%
0.851%	0.803%	-100.000%	2.735%	102.735%
4.769%	3.106%	-100.000%	1.596%	101.596%
-4.989%	-4.921%	-100.000%	-3.367%	96.633%
-2.455%	3.043%	-100.000%	-0.807%	99.193%
-0.045%	-2.376%	-100.000%	-0.205%	99.795%
4.989%	1.000%	-100.000%	1.087%	101.087%
4.632%	0.000%	-100.000%	2.353%	102.353%
-2.996%	-3.661%	-100.000%	-3.861%	96.139%
4.993%	4.637%	-100.000%	1.504%	101.504%
4.979%	4.863%	-200.000%	4.317%	104.317%
4.979%	3.728%	-200.000%	4.341%	104.341%
-4.992%	-5.000%	-200.000%	-3.861%	96.139%
-4.991%	-4.762%	-200.000%	-4.107%	95.893%
-4.979%	-4.906%	-200.000%	-3.604%	96.396%
4.979%	4.950%	-200.000%	0.705%	100.705%
4.993%	-0.198%	-200.000%	-0.039%	99.961%
4.997%	-0.978%	-200.000%	1.640%	101.640%
4.989%	1.996%	-200.000%	3.505%	103.505%
4.997%	4.812%	-200.000%	4.680%	104.680%
4.994%	4.825%	-200.000%	4.661%	104.661%
-9.986%	-4.000%	-200.000%	-5.863%	94.137%
-5.000%	-4.040%	-200.000%	-4.296%	95.704%
-2.168%	-2.941%	-200.000%	-1.184%	98.816%

-2.676%	2.204%	-200.000%	0.743%	100.743%
-4.988%	-2.157%	-200.000%	-4.167%	95.833%
-4.439%	-4.135%	-200.000%	-3.138%	96.862%
2.172%	-1.481%	-200.000%	1.528%	101.528%
-1.156%	1.124%	-200.000%	0.271%	100.271%
1.924%	1.714%	-200.000%	1.595%	101.595%
5.000%	0.962%	-100.000%	3.909%	103.909%
-4.990%	-3.704%	-100.000%	-3.144%	96.856%
-4.992%	0.935%	-100.000%	-1.257%	98.743%
-4.982%	-0.187%	-100.000%	-3.872%	96.128%
-5.000%	-4.456%	-100.000%	-3.254%	96.746%
0.538%	0.179%	-100.000%	-0.881%	99.119%
0.919%	2.377%	-100.000%	1.686%	101.686%
-1.643%	2.820%	-100.000%	0.024%	100.024%
3.617%	0.377%	-100.000%	0.632%	100.632%
3.251%	-2.930%	-100.000%	1.608%	101.608%
-4.869%	-0.183%	-100.000%	-3.653%	96.347%
4.980%	4.990%	-100.000%	3.615%	103.615%
-4.943%	-4.927%	-100.000%	-3.512%	96.488%
-4.138%	-4.861%	-100.000%	-3.599%	96.401%
-0.359%	-0.346%	-100.000%	-0.171%	99.829%
0.360%	-0.345%	-100.000%	-0.351%	99.649%
-1.107%	-2.192%	-100.000%	-0.043%	99.957%
-1.307%	0.338%	-100.000%	-1.699%	98.301%
1.125%	-1.500%	-100.000%	0.774%	100.774%
2.342%	3.270%	-100.000%	-0.033%	99.967%
-0.202%	-4.125%	-100.000%	-0.321%	99.679%
1.059%	1.000%	-100.000%	1.339%	101.339%
2.978%	0.000%	-100.000%	2.035%	102.035%
-2.054%	0.334%	-100.000%	-2.925%	97.075%
-3.413%	4.912%	-100.000%	-1.900%	98.100%
-0.748%	-3.553%	-100.000%	-0.268%	99.732%
2.586%	0.169%	-100.000%	1.183%	101.183%
-1.980%	-3.437%	-100.000%	-1.707%	98.293%
-2.227%	4.983%	-100.000%	-0.564%	99.436%
2.480%	4.865%	-100.000%	0.229%	100.229%
-1.735%	-0.893%	-100.000%	-0.556%	99.444%
-0.601%	0.539%	-100.000%	-1.290%	98.710%
1.775%	-1.416%	-100.000%	1.129%	101.129%
-2.048%	1.619%	-100.000%	0.629%	100.629%
-0.442%	-0.714%	-100.000%	0.573%	100.573%
2.544%	0.539%	-100.000%	0.466%	100.466%
3.469%	4.896%	-100.000%	2.155%	102.155%
2.941%	0.000%	-100.000%	0.158%	100.158%
0.933%	-0.748%	-100.000%	0.012%	100.012%
1.007%	0.943%	-100.000%	0.787%	100.787%
3.733%	-11.667%	-100.000%	0.767%	100.767%

-2.046%	-0.166%	-200.000%	-0.716%	99.284%
-0.044%	1.520%	-200.000%	1.352%	101.352%
4.978%	-0.169%	-200.000%	-0.307%	99.693%
0.992%	0.679%	-200.000%	0.415%	100.415%
0.814%	0.170%	-204.167%	-0.501%	99.499%
-1.353%	1.379%	-200.000%	1.606%	101.606%
-1.201%	2.473%	-200.000%	1.333%	101.333%
-2.755%	-0.702%	-200.000%	0.924%	100.924%
-13.015%	2.518%	-200.000%	0.704%	100.704%
2.334%	1.275%	-200.000%	2.448%	102.448%
2.575%	1.292%	-200.000%	2.843%	102.843%
-0.201%	2.072%	-200.000%	-0.409%	99.591%
2.448%	-1.301%	-200.000%	3.385%	103.385%
-1.199%	-3.929%	-200.000%	-3.622%	96.378%
-3.416%	0.901%	-200.000%	-3.056%	96.944%
3.537%	0.543%	-200.000%	1.943%	101.943%
-2.284%	-4.828%	-200.000%	-4.401%	95.599%
4.983%	1.045%	-200.000%	1.269%	101.269%
-4.992%	-4.967%	-200.000%	-4.099%	95.901%
0.879%	4.318%	-200.000%	0.299%	100.299%
-1.767%	-0.686%	-204.000%	-0.808%	99.192%
-2.414%	4.856%	-200.000%	0.156%	100.156%
4.400%	-0.714%	-200.000%	2.362%	102.362%
-1.381%	-2.778%	-200.000%	-3.075%	96.925%
-0.295%	-0.346%	-200.000%	-0.543%	99.457%
-0.722%	0.000%	-200.000%	1.429%	101.429%
2.872%	0.522%	-200.000%	-0.790%	99.210%
-0.817%	-2.542%	-200.000%	0.823%	100.823%
4.583%	4.982%	-200.000%	0.799%	100.799%
0.840%	4.851%	-193.617%	1.563%	101.563%
-2.837%	4.892%	-209.615%	-0.723%	99.277%
4.904%	1.188%	-200.000%	3.106%	103.106%
-4.185%	-2.885%	-196.000%	-2.661%	97.339%
0.288%	0.000%	-210.714%	1.500%	101.500%
2.640%	-1.141%	-200.000%	1.267%	101.267%
4.989%	0.190%	-200.000%	1.051%	101.051%
0.244%	0.962%	-200.000%	0.696%	100.696%
4.872%	1.961%	-200.000%	2.493%	102.493%
-1.152%	0.000%	-200.000%	-0.300%	99.700%
3.456%	-0.196%	-200.000%	-0.250%	99.750%
4.980%	0.196%	-209.677%	-0.042%	99.958%
2.963%	-0.196%	-180.769%	0.768%	100.768%
1.199%	1.996%	-200.000%	1.385%	101.385%
-0.338%	0.602%	-200.000%	0.897%	100.897%
2.531%	-0.400%	-210.345%	0.429%	100.429%
-4.987%	-3.101%	-203.333%	-1.709%	98.291%
3.430%	2.994%	-200.000%	1.160%	101.160%

-1.572%	-0.199%	-200.000%	-0.312%	99.688%
-1.523%	1.414%	-200.000%	0.241%	100.241%
0.102%	-1.000%	-200.000%	0.680%	100.680%
1.784%	-0.398%	-200.000%	0.718%	100.718%
1.897%	-1.181%	-200.000%	1.034%	101.034%
2.016%	-0.587%	-200.000%	1.051%	101.051%
3.362%	-1.731%	-153.659%	-0.222%	99.778%
0.812%	-2.804%	-200.000%	0.555%	100.555%
2.000%	4.492%	-221.154%	0.888%	100.888%
1.803%	4.918%	-200.000%	0.976%	100.976%

AM	0.021%	1.00
Annualized	5.50%	1.055036

Efficient Frontier for All-Equity Portfolio

Stocks	Actual return	Standard Deviation	Expected d	Beta	Expected Return
Packages Ltd.	2.047%	28.387%		-1.843	14.915%
IBL Modarba Ist	-27.873%	61.362%		-1.843	14.915%
Mehran Modarba Ist	-13.692%	121.140%		-1.843	14.915%
Pak Modarba Ist	40.273%	114.497%		-1.843	14.915%
Prudential modarba Ist	-20.968%	88.827%		-1.843	14.915%
Tri-Star Modarba Ist	56.480%	164.225%		-1.843	14.915%
Unity Modarba	262.254%	203.981%		-1.843	14.915%
Al Azhar textile	36.769%	108.325%		-0.303	9.818%
Ali Asghar Textile	-10.058%	114.269%		-0.186	9.429%
Azam textile	-1.377%	132.291%		0.107	8.459%
Crescent	-42.459%	55.203%		0.271	7.916%
Sind	-37.137%	46.918%		-0.009	8.843%
Noon pakistan rc	-17.181%	17.715%		0.047	8.657%
Saleem Denim	270.630%	105.590%		0.030	8.714%
Eye TV	7.051%	50.095%		0.147	8.327%
Pak datacom	-15.199%	39.391%		0.147	8.327%
Worldcall telecom	20.018%	53.170%		0.818	6.105%
Saif Nadeem Kawasaki	-31.009%	106.898%		-0.227	9.567%
Atlas Battery Ltd	1.393%	37.888%		0.486	7.206%
Exide Pakistan Ltd	32.537%	29.166%		0.111	8.446%
Transmission Eng Ind L	-51.101%	76.540%		0.178	8.226%
Siemens (Pakistan) Eng	34.244%	32.450%		0.117	8.428%
Gharibwal Cement Ltd	0.000%	51.588%		0.999	5.508%

Market	
Return	5.504%
RFR	8.814%
Premium	-3.311%

Correlation Matrix

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Packages Ltd.	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
IBL Modarba Ist	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Mehran Modarba Ist	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Pak Modarba Ist	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Prudential modarba Ist	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Tri-Star Modarba Ist	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Unity Modarba	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	-0.0083	-0.0060	-0.0383	-0.0020	-0.0121	-0.0224	-0.0316	-0.0362	-0.0362	-0.0294	-0.0159	-0.0132	-0.0457	-0.0342	-0.1241	-0.0244
Al Azhar textile	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	-0.0083	1.0000	-0.0007	0.0510	0.0029	0.0465	-0.0883	-0.0082	0.0581	0.0581	-0.1170	0.0441	-0.0001	-0.0026	-0.0013	-0.1427	-0.0574
Ali Asghar Textile	-0.0060	-0.0060	-0.0060	-0.0060	-0.0060	-0.0060	-0.0060	-0.0007	1.0000	0.0265	0.0001	-0.0909	-0.0004	0.0214	-0.0334	-0.0334	-0.0076	-0.1220	0.1398	-0.0403	-0.0253	0.0476	-0.0933
Azam textile	-0.0383	-0.0383	-0.0383	-0.0383	-0.0383	-0.0383	-0.0383	0.0510	0.0265	1.0000	-0.0750	-0.0035	0.0000	0.0341	-0.0606	-0.0606	-0.0035	-0.0662	-0.0300	-0.0225	0.0581	-0.0031	-0.0266
Crescent	-0.0020	-0.0020	-0.0020	-0.0020	-0.0020	-0.0020	-0.0020	0.0029	0.0001	-0.0750	1.0000	-0.0801	-0.0395	0.0154	0.0530	0.0530	0.0997	-0.0429	0.0030	0.1864	-0.1282	-0.0085	0.1268
Sind	-0.0121	-0.0121	-0.0121	-0.0121	-0.0121	-0.0121	-0.0121	0.0465	-0.0909	-0.0035	-0.0801	1.0000	-0.2379	0.0103	-0.0331	-0.0331	-0.0018	-0.0525	-0.0335	0.0277	-0.0538	0.0470	-0.0556
Noon pakistan rc	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.0224	-0.0883	-0.0004	0.0000	-0.0395	-0.2379	1.0000	0.0053	-0.0476	-0.0476	0.0435	-0.0015	-0.0078	0.0244	-0.0040	-0.0257	0.1475
Saleem Denim	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.0316	-0.0082	0.0214	0.0341	0.0154	0.0103	0.0053	1.0000	-0.0006	-0.0006	-0.0682	-0.0115	-0.0270	-0.0245	-0.1222	-0.0257	-0.0478
Eye TV	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	0.0581	-0.0334	-0.0606	0.0530	-0.0331	-0.0476	-0.0006	1.0000	1.0000	0.0744	-0.0497	-0.0496	-0.0951	0.1213	-0.0297	0.0337
Pak datacom	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	-0.0362	0.0581	-0.0334	-0.0606	0.0530	-0.0331	-0.0476	-0.0006	1.0000	1.0000	0.0744	-0.0497	-0.0496	-0.0951	0.1213	-0.0297	0.0337
Worldcall telecom	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.0294	-0.1170	-0.0076	-0.0035	0.0997	-0.0018	0.0435	-0.0682	0.0744	0.0744	1.0000	0.0036	-0.0148	0.0227	0.0609	-0.0028	0.3470
Saif Nadeem Kawasaki	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	-0.0159	0.0441	-0.1220	-0.0662	-0.0429	-0.0525	-0.0015	-0.0115	-0.0497	-0.0497	0.0036	1.0000	0.0314	-0.0834	0.0255	-0.0351	-0.0434
Atlas Battery Ltd	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132	-0.0001	0.1398	-0.0300	0.0030	-0.0335	-0.0078	-0.0270	-0.0496	-0.0496	-0.0148	0.0314	1.0000	0.0703	-0.0345	0.1317	-0.0381
Exide Pakistan Ltd	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0457	-0.0026	-0.0403	-0.0225	0.1864	0.0277	0.0244	-0.0245	-0.0951	-0.0951	0.0227	-0.0834	0.0703	1.0000	-0.0669	0.0424	0.1303
Transmission Eng Ind L	-0.0342	-0.0342	-0.0342	-0.0342	-0.0342	-0.0342	-0.0342	-0.0013	-0.0253	0.0581	-0.1282	-0.0538	-0.0040	-0.1222	0.1213	0.1213	0.0609	0.0255	-0.0345	-0.0669	1.0000	-0.0766	0.0523
Siemens (Pakistan) Eng	-0.1241	-0.1241	-0.1241	-0.1241	-0.1241	-0.1241	-0.1241	-0.1427	0.0476	-0.0031	-0.0085	0.0470	-0.0257	-0.0257	-0.0297	-0.0297	-0.0028	-0.0351	0.1317	0.0424	-0.0766	1.0000	-0.0366
Gharibwal Cement Ltd	-0.0244	-0.0244	-0.0244	-0.0244	-0.0244	-0.0244	-0.0244	-0.0574	-0.0933	-0.0266	0.1268	-0.0556	0.1475	-0.0478	0.0337	0.0337	0.3470	-0.0434	-0.0381	0.1303	0.0523	-0.0366	1.0000

Covariance Matrix

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Packages Ltd.	0.0806	0.1742	0.3439	0.3250	0.2522	0.4662	0.5790	-0.0025	-0.0020	-0.0144	-0.0003	-0.0016	-0.0011	-0.0095	-0.0052	-0.0041	-0.0044	-0.0048	-0.0014	-0.0038	-0.0074	-0.0114	-0.0036
IBL Modarba Ist	0.1742	0.3765	0.7433	0.7026	0.5451	1.0077	1.2517	-0.0055	-0.0042	-0.0311	-0.0007	-0.0035	-0.0024	-0.0205	-0.0111	-0.0088	-0.0096	-0.0104	-0.0031	-0.0082	-0.0161	-0.0247	-0.0077
Mehran Modarba Ist	0.3439	0.7433	1.4675	1.3870	1.0760	1.9894	2.4710	-0.0109	-0.0084	-0.0614	-0.0013	-0.0069	-0.0048	-0.0404	-0.0220	-0.0173	-0.0190	-0.0205	-0.0060	-0.0162	-0.0318	-0.0488	-0.0153
Pak Modarba Ist	0.3250	0.7026	1.3870	1.3110	1.0170	1.8803	2.3355	-0.0103	-0.0079	-0.0580	-0.0012	-0.0065	-0.0045	-0.0382	-0.0208	-0.0163	-0.0179	-0.0194	-0.0057	-0.0153	-0.0300	-0.0461	-0.0144
Prudential modarba Ist	0.2522	0.5451	1.0760	1.0170	0.7890	1.4588	1.8119	-0.0080	-0.0061	-0.0450	-0.0010	-0.0050	-0.0035	-0.0296	-0.0161	-0.0127	-0.0139	-0.0151	-0.0044	-0.0118	-0.0233	-0.0358	-0.0112
Tri-Star Modarba Ist	0.4662	1.0077	1.9894	1.8803	1.4588	2.6970	3.3499	-0.0147	-0.0113	-0.0832	-0.0018	-0.0093	-0.0065	-0.0548	-0.0298	-0.0234	-0.0257	-0.0279	-0.0082	-0.0219	-0.0430	-0.0661	-0.0207
Unity Modarba	0.5790	1.2517	2.4710	2.3355	1.8119	3.3499	4.1608	-0.0183	-0.0141	-0.1034	-0.0022	-0.0116	-0.0081	-0.0681	-0.0370	-0.0291	-0.0319	-0.0346	-0.0102	-0.0272	-0.0535	-0.0821	-0.0257
Al Azhar textile	-0.0025	-0.0055	-0.0109	-0.0103	-0.0080	-0.0147	-0.0183	1.1734	-0.0009	0.0731	0.0018	0.0236	-0.0170	-0.0094	0.0315	0.0248	-0.0674	0.0511	0.0000	-0.0008	-0.0011	-0.0502	-0.0321
Ali Asghar Textile	-0.0020	-0.0042	-0.0084	-0.0079	-0.0061	-0.0113	-0.0141	-0.0009	1.3057	0.0401	0.0001	-0.0487	-0.0001	0.0258	-0.0191	-0.0150	-0.0046	-0.1490	0.0605	-0.0134	-0.0221	0.0177	-0.0550
Azam textile	-0.0144	-0.0311	-0.0614	-0.0580	-0.0450	-0.0832	-0.1034	0.0731	0.0401	1.7501	-0.0548	-0.0022	0.0000	0.0476	-0.0402	-0.0316	-0.0025	-0.0936	-0.0150	-0.0087	0.0589	-0.0013	-0.0181
Crescent	-0.0003	-0.0007	-0.0013	-0.0012	-0.0010	-0.0018	-0.0022	0.0018	0.0001	-0.0548	0.3047	-0.0207	-0.0039	0.0090	0.0147	0.0115	0.0293	-0.0253	0.0006	0.0300	-0.0542	-0.0015	0.0361
Sind	-0.0016	-0.0035	-0.0069	-0.0065	-0.0050	-0.0093	-0.0116	0.0236	-0.0487	-0.0022	-0.0207	0.2201	-0.0198	0.0051	-0.0078	-0.0061	-0.0005	-0.0263	-0.0060	0.0038	-0.0193	0.0072	-0.0135
Noon pakistan rc	-0.0011	-0.0024	-0.0048	-0.0045	-0.0035	-0.0065	-0.0081	-0.0170	-0.0001	0.0000	-0.0039	-0.0198	0.0314	0.0010	-0.0042	-0.0033	0.0041	-0.0003	-0.0005	0.0013	-0.0005	-0.0015	0.0135
Saleem Denim	-0.0095	-0.0205	-0.0404	-0.0382	-0.0296	-0.0548	-0.0681	-0.0094	0.0258	0.0476	0.0090	0.0051	0.0010	1.1149	-0.0003	-0.0002	-0.0383	-0.0130	-0.0108	-0.0075	-0.0987	-0.0088	-0.0260
Eye TV	-0.0052	-0.0111	-0.0220	-0.0208	-0.0161	-0.0298	-0.0370	0.0315	-0.0191	-0.0402	0.0147	-0.0078	-0.0042	-0.0003	0.2509	0.1973	0.0198	-0.0266	-0.0094	-0.0139	0.0465	-0.0048	0.0087
Pak datacom	-0.0041	-0.0088	-0.0173	-0.0163	-0.0127	-0.0234	-0.0291	0.0248	-0.0150	-0.0316	0.0115	-0.0061	-0.0033	-0.0002	0.1973	0.1552	0.0156	-0.0209	-0.0074	-0.0109	0.0366	-0.0038	0.0068
Worldcall telecom	-0.0044	-0.0096	-0.0190	-0.0179	-0.0139	-0.0257	-0.0319	-0.0674	-0.0046	-0.0025	0.0293	-0.0005	0.0041	-0.0383	0.0198	0.0156	0.2827	0.0021	-0.0030	0.0035	0.0248	-0.0005	0.0952
Saif Nadeem Kawasaki Motors	-0.0048	-0.0104	-0.0205	-0.0194	-0.0151	-0.0279	-0.0346	0.0511	-0.1490	-0.0936	-0.0253	-0.0263	-0.0003	-0.0130	-0.0266	-0.0209	0.0021	1.1427	0.0127	-0.0260	0.0209	-0.0122	-0.0239
Atlas Battery Ltd	-0.0014	-0.0031	-0.0060	-0.0057	-0.0044	-0.0082	-0.0102	0.0000	0.0605	-0.0150	0.0006	-0.0060	-0.0005	-0.0108	-0.0094	-0.0074	-0.0030	0.0127	0.1436	0.0078	-0.0100	0.0162	-0.0075
Exide Pakistan Ltd	-0.0038	-0.0082	-0.0162	-0.0153	-0.0118	-0.0219	-0.0272	-0.0008	-0.0134	-0.0087	0.0300	0.0038	0.0013	-0.0075	-0.0139	-0.0109	0.0035	-0.0260	0.0078	0.0851	-0.0149	0.0040	0.0196
Transmission Eng Ind Ltd	-0.0074	-0.0161	-0.0318	-0.0300	-0.0233	-0.0430	-0.0535	-0.0011	-0.0221	0.0589	-0.0542	-0.0193	-0.0005	-0.0987	0.0465	0.0366	0.0248	0.0209	-0.0100	-0.0149	0.5858	-0.0190	0.0206
Siemens (Pakistan) Eng Co Ltd	-0.0114	-0.0247	-0.0488	-0.0461	-0.0358	-0.0661	-0.0821	-0.0502	0.0177	-0.0013	-0.0015	0.0072	-0.0015	-0.0088	-0.0048	-0.0038	-0.0005	-0.0122	0.0162	0.0040	-0.0190	0.1053	-0.0061
Gharibwal Cement Ltd	-0.0036	-0.0077	-0.0153	-0.0144	-0.0112	-0.0207	-0.0257	-0.0321	-0.0550	-0.0181	0.0361	-0.0135	0.0135	-0.0260	0.0087	0.0068	0.0952	-0.0239	-0.0075	0.0196	0.0206	-0.0061	0.2661

Covariance Matrix: Equally Weighted Portfolio

		Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights		0.7718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0139	0.0086	0.0052	0.0000	0.0203	0.0531	0.0083	0.0081	0.0000	0.0000	0.0138	0.0000	0.0176	0.0067	0.0725	0.0000
0.7718	0.7718	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0001	0.0000	-0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0139	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0086	0.0086	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0052	0.0052	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0203	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0531	0.0531	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0083	0.0083	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0081	0.0081	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0138	0.0138	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0176	0.0176	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0067	0.0067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0725	0.0725	-0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000		0.0470	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000

Portfolio Variance	0.0471
Portfolio Standard Dev	0.2171
Portfolio Expected retu	0.1350

Covariance Matrix: Equally Weighted Portfolio

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*	*0.0435*
0.0435	0.0002	0.0003	0.0007	0.0006	0.0005	0.0009	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0003	0.0007	0.0014	0.0013	0.0010	0.0019	0.0024	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0007	0.0014	0.0028	0.0026	0.0020	0.0038	0.0047	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000
0.0435	0.0006	0.0013	0.0026	0.0025	0.0019	0.0036	0.0044	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000
0.0435	0.0005	0.0010	0.0020	0.0019	0.0015	0.0028	0.0034	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0435	0.0009	0.0019	0.0038	0.0036	0.0028	0.0051	0.0063	0.0000	0.0000	-0.0002	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	-0.0001	0.0000
0.0435	0.0011	0.0024	0.0047	0.0044	0.0034	0.0063	0.0079	0.0000	0.0000	-0.0002	0.0000	0.0000	0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	0.0000	-0.0001	-0.0001	-0.0002	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0022	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	-0.0001	0.0001	0.0000	0.0000	0.0000	-0.0001	-0.0001
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0025	0.0001	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000	0.0000	0.0000	-0.0001
0.0435	0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002	-0.0002	0.0001	0.0001	0.0033	-0.0001	0.0000	0.0000	0.0001	-0.0001	-0.0001	0.0000	-0.0002	0.0000	0.0000	0.0001	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	-0.0001	0.0000	0.0001
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0000	0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0021	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0002	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0001	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0005	0.0004	0.0000	-0.0001	0.0000	0.0000	0.0001	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0004	0.0003	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0002
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0001	-0.0003	-0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0002	0.0000	0.0000
0.0435	0.0000	0.0000	-0.0001	-0.0001	0.0000	-0.0001	-0.0001	0.0000	0.0000	0.0001	-0.0001	0.0000	0.0000	-0.0002	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000
0.0435	0.0000	0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
0.0435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005
1.0000	0.0041	0.0088	0.0173	0.0163	0.0127	0.0234	0.0291	0.0021	0.0020	0.0025	0.0005	0.0001	-0.0001	0.0014	0.0006	0.0004	0.0004	0.0013	0.0003	-0.0001	0.0007	-0.0005	0.0004

Portfolio Variance	0.1236
Portfolio Standard Dev	0.3516
Portfolio Expected retu	0.1028

Covariance Matrix: 6% Return

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.2334*	*0.0000*	*0.2078*	*0.0000*	*0.0000*	*0.0000*	*0.5588*
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

(continuation of covariance matrix)

W	Packages	IBL	Mehran	Pak	Prudentia	Tri-Star	Unity	Al Azhar	Ali	Azam	Crescen	Sind	Noon	Saleem	Eye TV	Pak	Worldcall	Saif	Atlas	Exide	Transmiss	Siemens	Gharibw
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.2334	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0154	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0124
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.2078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0062	0.0000	0.0000	0.0000	-0.0009
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.5588	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0124	0.0000	-0.0009	0.0000	0.0000	0.0000	0.0831
1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0277	0.0000	0.0052	0.0000	0.0000	0.0000	0.0947

Portfolio Variance	0.1275
Portfolio Standard Dev	0.3571
Portfolio Expected retu	0.0600

Covariance Matrix: 7% Return

	Packages	IBL	Mehran	Pak	Prudentia	Tri-Star	Unity	Al Azhar	Ali	Azam	Crescen	Sind	Noon	Saleem	Eye TV	Pak	Worldcall	Saif	Atlas	Exide	Transmiss	Siemens	Gharibw
Weights	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0118*	*0.0323*	*0.0304*	*0.0455*	*0.0177*	*0.0000*	*0.0676*	*0.1442*	*0.0000*	*0.2902*	*0.0173*	*0.0194*	*0.0703*	*0.2533*
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001
0.0323	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
0.0304	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001
0.0455	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
0.0177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	-0.0001	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0002	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0001
0.1442	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	-0.0001	0.0000	0.0002	0.0059	0.0000	-0.0001	0.0000	0.0001	0.0000	0.0035
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.2902	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0001	0.0000	-0.0001	0.0000	-0.0001	-0.0001	0.0000	0.0121	0.0000	-0.0001	0.0003	-0.0005
0.0173	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	-0.0001	0.0000	0.0002	0.0000	0.0001
0.0703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0005	-0.0001
0.2533	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0003	-0.0001	0.0002	-0.0001	0.0000	0.0001	0.0035	0.0000	-0.0005	0.0001	0.0001	-0.0001	0.0171
1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0007	0.0000	0.0002	0.0001	0.0000	0.0008	0.0095	0.0000	0.0114	0.0002	0.0003	0.0007	0.0204

Portfolio Variance	0.0443
Portfolio Standard Dev	0.2106
Portfolio Expected retu	0.0700

Covariance Matrix: 8% Return

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0000*	*0.0003*	*0.0004*	*0.0038*	*0.0037*	*0.0156*	*0.0676*	*0.1071*	*0.1349*	*0.0138*	*0.0443*	*0.0668*	*0.0652*	*0.0102*	*0.1248*	*0.1143*	*0.0398*	*0.1270*	*0.0605*
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Weights	Packages	IBL	Mehran	Pak	Prudentia	Tri-Star	Unity	Al Azhar	Ali	Azam	Crescen	Sind	Noon	Saleem	Eye TV	Pak	Worldcall	Saif	Atlas	Exide	Transmiss	Siemens	Gharibw
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0014	-0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	-0.0001	0.0000	0.0001
0.1071	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0025	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0001	0.0001	-0.0001
0.1349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0003	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
0.0443	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0006	0.0001	0.0000	-0.0001	-0.0001	0.0001	0.0000
0.0668	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0006	0.0007	0.0001	0.0000	-0.0001	-0.0001	0.0001	0.0000	0.0000
0.0652	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0012	0.0000	0.0000	0.0000	0.0001	0.0000	0.0004
0.0102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
0.1248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0000	0.0022	0.0001	0.0000	0.0003	-0.0001
0.1143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0000	0.0001	0.0011	-0.0001	0.0001	0.0001
0.0398	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	-0.0001	0.0000	-0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	-0.0001	0.0009	-0.0001	0.0000
0.1270	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0001	-0.0001	0.0017	0.0000
0.0605	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	-0.0001	0.0001	0.0000	0.0000	0.0000	0.0004	0.0000	-0.0001	0.0001	0.0000	0.0000	0.0010
1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0016	0.0019	0.0003	0.0001	0.0010	0.0012	0.0019	0.0000	0.0023	0.0015	0.0008	0.0018	0.0016

Portfolio Variance	0.0161
Portfolio Standard Dev	0.1269
Portfolio Expected retu	0.0800

Covariance Matrix: 9% Return

Weights	Packages	IBL	Mehran	Pak	Prudentia	Tri-Star	Unity	Al Azhar	Ali	Azam	Crescen	Sind	Noon	Saleem	Eye TV	Pak	Worldcall	Saif	Atlas	Exide	Transmiss	Siemens	Gharibw
	0.0945	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0138	0.0095	0.0084	0.0306	0.0780	0.3432	0.0128	0.0000	0.0745	0.0238	0.0154	0.0603	0.0971	0.0240	0.0980	0.0161
0.0945	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0138	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0095	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0306	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
0.0780	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
0.3432	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.3432	0.0000	0.0000	-0.0005	0.0037	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
0.0128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0128	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0745	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0009	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000	0.0000
0.0238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
0.0603	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.0000
0.0971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000
0.0240	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
0.0980	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0010	0.0000
0.0161	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
1.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0003	0.0007	0.0030	0.0001	0.0000	0.0007	0.0003	0.0001	0.0006	0.0009	0.0002	0.0009	0.0002

Portfolio Variance	0.0085
Portfolio Standard Dev	0.0924
Portfolio Expected retu	0.0900

Covariance Matrix: 10% Return

		Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights		0.2316	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0135	0.0101	0.0078	0.0240	0.0680	0.3040	0.0115	0.0000	0.0649	0.0095	0.0157	0.0289	0.0902	0.0218	0.0985	0.0000
	0.2316	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0003	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
	0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0240	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
	0.0680	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.3040	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0004	0.0029	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0649	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000	0.0000
	0.0095	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0289	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
	0.0902	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000
	0.0218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
	0.0985	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	1.0000	0.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0002	0.0005	0.0022	0.0001	0.0000	0.0005	0.0000	0.0001	0.0002	0.0006	0.0001	0.0007	0.0000

Portfolio Variance	0.0092
Portfolio Standard Dev	0.0959
Portfolio Expected retu	0.1000

Covariance Matrix: 11% Return

		Packages	IBL	Mehran	Pak	Prudentia	Tri-Star	Unity	Al Azhar	Ali	Azam	Crescen	Sind	Noon	Saleem	Eye TV	Pak	Worldcall	Saif	Atlas	Exide	Transmiss	Siemens	Gharibw
Weights		0.3784	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0137	0.0110	0.0070	0.0137	0.0563	0.2478	0.0106	0.0000	0.0524	0.0000	0.0160	0.0000	0.0779	0.0180	0.0972	0.0000
	0.3784	0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	-0.0001	-0.0004	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
	0.0110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0070	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.2478	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0003	0.0019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0524	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0779	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000
	0.0180	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
0.0972	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0004	0.0014	0.0001	0.0000	0.0002	0.0000	0.0001	0.0000	0.0004	0.0001	0.0005	0.0000

Portfolio Variance	0.0141
Portfolio Standard Dev	0.1186
Portfolio Expected retu	0.1100

Covariance Matrix: 12% Return

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	0.5350	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0137	0.0101	0.0063	0.0011	0.0419	0.1737	0.0096	0.0000	0.0340	0.0000	0.0153	0.0000	0.0571	0.0132	0.0889	0.0000
0.5350	0.0231	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	-0.0001	-0.0005	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0101	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0419	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.1737	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0340	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0571	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000
0.0132	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
0.0889	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0220	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0002	0.0006	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0001	0.0000	0.0002	0.0000

Portfolio Variance	0.0236
Portfolio Standard Dev	0.1537
Portfolio Expected retu	0.1200

Covariance Matrix: 13% Return

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	0.6928	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0139	0.0089	0.0055	0.0000	0.0276	0.0954	0.0092	0.0076	0.0072	0.0000	0.0142	0.0000	0.0286	0.0091	0.0801	0.0000
0.6928	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	-0.0001	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0089	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Weight	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
0.0055	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0276	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0954	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0092	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0076	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0072	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0286	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
0.0091	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0801	-0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0376	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000

Portfolio Variance	0.0381
Portfolio Standard Dev	0.1951
Portfolio Expected retu	0.1300

Covariance Matrix: 13.5% Return

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
Weights	0.7718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0139	0.0086	0.0052	0.0000	0.0203	0.0531	0.0083	0.0081	0.0000	0.0000	0.0138	0.0000	0.0176	0.0067	0.0725	0.0000
0.7718	0.0480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	-0.0001	0.0000	-0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000
0.0086	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0052	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0531	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0083	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0081	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0138	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0176	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0725	-0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0470	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000

Portfolio Variance	0.0471
Portfolio Standard Dev	0.2171
Portfolio Expected retu	0.1350

Covariance Matrix: 14% Return

		IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
	Packages Ltd.																						
Weights	**0.8510**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0136**	**0.0079**	**0.0050**	**0.0000**	**0.0115**	**0.0140**	**0.0075**	**0.0021**	**0.0000**	**0.0000**	**0.0134**	**0.0000**	**0.0039**	**0.0041**	**0.0660**	**0.0000**
0.8510	0.0584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0006	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0136	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0079	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0050	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0075	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0134	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0039	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0041	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0660	-0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0574	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	-0.0002	0.0000

Portfolio Variance	0.0574
Portfolio Standard Dev	0.2397
Portfolio Expected retu	0.1400

Covariance Matrix: 15% Return

		IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist	Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim	Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki Motors Ltd	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd	Gharibwal Cement Ltd
	Packages Ltd.																						
Weights	**1.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**
1.0000	0.0806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.0000	0.0806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Portfolio Variance	0.0806
Portfolio Standard Dev	0.2839
Portfolio Expected retu	0.1492

Efficient Frontier 2006(Ending)

Return	Risk
7.00%	21.06%
8.00%	12.69%
9.00%	9.24%
10.00%	9.59%
11.00%	11.86%
12.00%	15.37%
13.00%	19.51%
13.50%	21.71%
14.00%	23.97%
14.92%	28.39%

Efficient Frontier
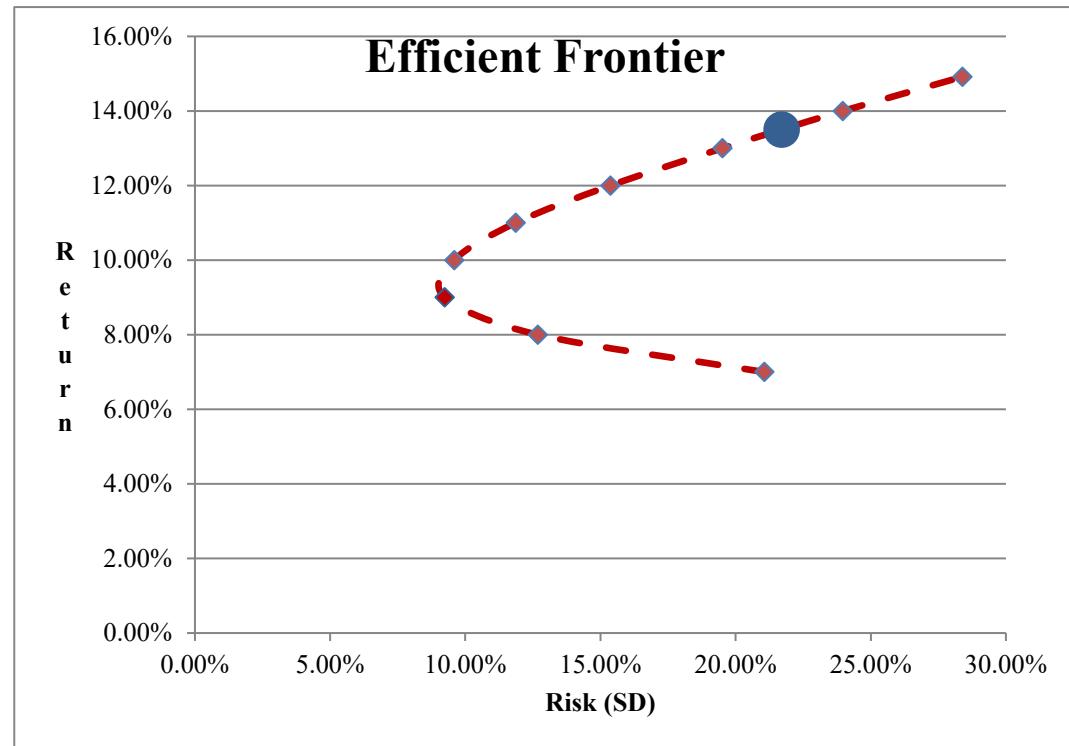
	Actual returns 2006	Weights	Return*weights	Expected returns 2007	Weights	Return*weights	Actual returns 2007	Weights	Return*weights
Packages Ltd.	2.047%	0.77	1.580%	14.915%	0.77	11.512%	100.000%	0.77	77.181%
IBL Modarba Ist	-27.873%	0.00	0.000%	14.915%	0.00	0.000%	154.554%	0.00	0.000%
Mehran Modarba Ist	-13.692%	0.00	0.000%	14.915%	0.00	0.000%	1109.544%	0.00	0.000%
Pak Modarba Ist	40.273%	0.00	0.000%	14.915%	0.00	0.000%	231.823%	0.00	0.000%
Prudential modarba Ist	-20.968%	0.00	0.000%	14.915%	0.00	0.000%	231.992%	0.00	0.000%
Tri-Star Modarba Ist	56.480%	0.00	0.000%	14.915%	0.00	0.000%	1711.137%	0.00	0.000%
Unity Modarba	262.254%	0.00	0.000%	14.915%	0.00	0.000%	709.091%	0.00	0.000%
Al Azhar textile	36.769%	0.01	0.511%	9.82%	0.01	0.136%	101.48%	0.01	1.409%
Ali Asghar Textile	-10.058%	0.01	-0.087%	9.43%	0.01	0.081%	64.05%	0.01	0.553%
Azam textile	-1.377%	0.01	-0.007%	8.459%	0.01	0.044%	445.312%	0.01	2.332%
Crescent	-42.459%	0.00	0.000%	7.92%	0.00	0.000%	65.02%	0.00	0.000%
Sind	-37.137%	0.02	-0.754%	8.84%	0.02	0.180%	39.97%	0.02	0.812%
Noon pakistan rc	-17.181%	0.05	-0.912%	8.657%	0.05	0.460%	100.000%	0.05	5.310%
Saleem Denim	270.630%	0.01	2.250%	8.714%	0.01	0.072%	218.224%	0.01	1.815%
Eye TV	7.051%	0.01	0.057%	8.327%	0.01	0.067%	825.982%	0.01	6.691%
Pak datacom	-15.199%	0.00	0.000%	8.327%	0.00	0.000%	103.809%	0.00	0.000%
Worldcall telecom	20.018%	0.00	0.000%	6.105%	0.00	0.000%	76.532%	0.00	0.000%
Saif Nadeem Kawasaki Motors Ltd	-31.009%	0.01	-0.427%	9.567%	0.01	0.132%	170.459%	0.01	2.346%
Atlas Battery Ltd	1.393%	0.00	0.000%	7.206%	0.00	0.000%	137.976%	0.00	0.000%
Exide Pakistan Ltd	32.537%	0.02	0.573%	8.446%	0.02	0.149%	199.448%	0.02	3.511%
Transmission Eng Ind Ltd	-51.101%	0.01	-0.343%	8.226%	0.01	0.055%	294.056%	0.01	1.974%
Siemens (Pakistan) Eng Co Ltd	34.244%	0.07	2.483%	8.428%	0.07	0.611%	106.431%	0.07	7.719%
Gharibwal Cement Ltd	0.000%	0.00	0.000%	5.508%	0.00	0.000%		0.00	0.000%
Weighted Average			4.924%			13.500%			111.652%

	Packages Ltd.	IBL Modarba Ist	Mehran Modarba Ist	Pak Modarba Ist	Prudential modarba Ist	Tri-Star Modarba Ist
31-Dec	-4.988%	0.000%	-15.504%	-14.286%	-25.758%	0.000%
27-Dec	-0.026%	0.000%	6.612%	-1.176%	26.923%	0.000%
26-Dec	-0.610%	4.211%	-1.626%	-1.163%	-3.704%	0.000%
24-Dec	0.091%	-7.317%	-2.381%	-2.273%	0.000%	0.000%
19-Dec	0.430%	-4.651%	18.868%	17.333%	3.846%	0.000%
18-Dec	-0.429%	-1.826%	23.256%	-20.213%	0.000%	0.000%
17-Dec	0.195%	10.050%	2.381%	9.302%	1.961%	0.000%
14-Dec	0.840%	11.173%	0.000%	0.000%	-5.556%	-38.776%
13-Dec	-0.755%	11.875%	2.439%	7.500%	-1.818%	-9.259%
12-Dec	-1.044%	11.111%	2.500%	-20.000%	0.000%	0.000%
11-Dec	-0.513%	0.000%	-3.614%	25.000%	-8.333%	0.000%
10-Dec	-2.010%	0.000%	-3.488%	33.333%	-4.762%	0.000%
7-Dec	4.188%	0.000%	0.000%	25.000%	14.545%	0.000%
6-Dec	0.026%	-2.041%	7.500%	14.286%	37.500%	0.000%
5-Dec	1.032%	-0.676%	-4.762%	0.000%	2.564%	0.000%
4-Dec	0.666%	6.475%	5.000%	0.000%	-2.500%	0.000%
3-Dec	81.138%	15.833%	2.564%	2.439%	0.000%	-1.818%
30-Nov	-0.576%	0.000%	5.405%	-4.651%	-4.762%	0.000%
29-Nov	-0.477%	0.000%	-11.905%	7.500%	0.000%	0.000%
28-Nov	-0.357%	-14.286%	5.000%	11.111%	16.667%	0.000%
27-Nov	-0.591%	0.000%	9.589%	0.000%	-2.703%	57.143%
26-Nov	-0.591%	0.000%	-7.595%	0.000%	-5.128%	0.000%
23-Nov	0.213%	0.000%	0.000%	0.000%	5.405%	0.000%
22-Nov	0.119%	0.000%	0.000%	2.857%	0.000%	-36.364%
21-Nov	0.861%	0.000%	0.000%	0.000%	5.714%	0.000%
20-Nov	-2.336%	0.000%	-1.250%	-2.778%	0.000%	-3.509%
19-Nov	3.984%	0.000%	5.263%	0.000%	0.000%	-5.000%
16-Nov	5.000%	0.000%	-5.000%	0.000%	-5.405%	0.000%
15-Nov	-2.970%	0.000%	0.000%	0.000%	2.778%	36.364%
14-Nov	3.590%	0.000%	0.000%	0.000%	0.000%	-4.348%
13-Nov	2.632%	0.000%	-1.235%	0.000%	-7.692%	0.000%
12-Nov	-0.938%	0.000%	1.250%	5.882%	8.333%	-17.857%
8-Nov	0.000%	0.000%	2.564%	-5.556%	2.857%	51.351%
7-Nov	0.947%	0.719%	0.000%	-7.692%	2.941%	-2.632%
6-Nov	0.000%	1.460%	0.000%	-2.500%	6.250%	0.000%
5-Nov	2.619%	-0.725%	0.000%	14.286%	-17.949%	0.000%
2-Nov	-4.562%	11.290%	20.000%	0.000%	2.632%	0.000%
1-Nov	-48.059%	-0.800%	0.000%	-5.405%	-2.564%	0.000%
31-Oct	4.330%	6.838%	-7.143%	0.000%	-2.500%	-5.000%
30-Oct	-4.278%	-12.687%	-10.256%	0.000%	-2.439%	0.000%
29-Oct	-2.094%	-21.176%	0.000%	-5.128%	-4.651%	0.000%
26-Oct	4.372%	13.333%	2.632%	0.000%	26.471%	0.000%
25-Oct	-2.569%	15.385%	2.703%	0.000%	-5.556%	0.000%

24-Oct	-4.995%	6.557%	-2.632%	-7.143%	0.000%	-4.762%
23-Oct	-4.998%	-5.426%	-2.564%	5.000%	0.000%	20.000%
22-Oct	3.096%	14.159%	-2.500%	0.000%	-10.000%	2.941%
19-Oct	4.993%	-5.042%	2.564%	0.000%	0.000%	-15.000%
18-Oct	4.997%	-0.833%	1.299%	0.000%	2.564%	11.111%
17-Oct	4.989%	4.348%	1.316%	0.000%	0.000%	111.765%
11-Oct	-1.288%	4.545%	0.000%	2.564%	0.000%	-15.000%
9-Oct	0.241%	0.000%	-5.000%	0.000%	-2.500%	0.000%
8-Oct	-0.955%	0.000%	1.266%	0.000%	0.000%	0.000%
5-Oct	-1.139%	0.000%	2.597%	-2.500%	2.564%	0.000%
4-Oct	0.840%	0.000%	-1.282%	0.000%	-2.500%	0.000%
3-Oct	-0.833%	0.000%	1.299%	0.000%	0.000%	0.000%
2-Oct	-0.277%	0.000%	-2.532%	0.000%	5.263%	0.000%
1-Oct	3.143%	0.000%	0.000%	-4.762%	0.000%	0.000%
28-Sep	-1.158%	1.852%	12.857%	-2.326%	2.703%	0.000%
27-Sep	2.193%	0.000%	-10.256%	0.000%	-5.128%	0.000%
26-Sep	2.515%	-0.917%	11.429%	0.000%	0.000%	0.000%
25-Sep	2.845%	0.000%	0.000%	2.381%	-4.878%	0.000%
24-Sep	5.000%	0.000%	12.903%	0.000%	0.000%	17.647%
21-Sep	2.623%	0.000%	-11.429%	0.000%	0.000%	13.333%
20-Sep	-3.190%	0.000%	0.000%	0.000%	-4.651%	7.143%
19-Sep	2.405%	0.000%	-5.405%	0.000%	0.000%	16.667%
18-Sep	5.000%	0.000%	0.000%	0.000%	4.878%	-50.000%
17-Sep	1.034%	0.000%	0.000%	0.000%	20.588%	0.000%
14-Sep	-2.831%	9.000%	0.000%	5.000%	-2.857%	0.000%
13-Sep	4.996%	0.000%	13.846%	2.564%	2.941%	-4.000%
12-Sep	2.359%	0.000%	-18.750%	0.000%	0.000%	25.000%
11-Sep	2.096%	0.000%	0.000%	0.000%	6.250%	0.000%
10-Sep	-1.449%	0.000%	-8.046%	0.000%	0.000%	0.000%
7-Sep	-1.075%	0.000%	26.087%	0.000%	-3.030%	0.000%
6-Sep	0.922%	0.000%	-1.429%	0.000%	0.000%	-16.667%
5-Sep	3.617%	0.000%	0.000%	0.000%	3.125%	0.000%
4-Sep	1.657%	0.000%	2.941%	-2.500%	3.226%	-7.692%
3-Sep	-0.906%	0.000%	13.333%	14.286%	-3.125%	30.000%
31-Aug	-1.907%	0.000%	0.000%	0.000%	0.000%	0.000%
30-Aug	0.074%	0.000%	0.000%	0.000%	0.000%	-33.333%
29-Aug	2.977%	4.167%	0.000%	0.000%	0.000%	50.000%
28-Aug	-0.323%	0.000%	7.143%	0.000%	0.000%	0.000%
27-Aug	-5.450%	0.000%	0.000%	0.000%	6.667%	0.000%
24-Aug	-1.068%	0.000%	0.000%	0.000%	0.000%	0.000%
23-Aug	-2.261%	0.000%	-6.667%	0.000%	-6.250%	0.000%
22-Aug	1.232%	-4.000%	9.091%	0.000%	6.667%	0.000%
21-Aug	-1.900%	0.000%	-9.836%	-12.500%	-11.765%	0.000%
20-Aug	3.025%	2.041%	-1.613%	0.000%	0.000%	0.000%
17-Aug	-0.355%	0.000%	0.000%	0.000%	-2.857%	0.000%
16-Aug	-0.687%	-2.000%	0.000%	0.000%	2.941%	5.263%
15-Aug	2.140%	0.000%	-1.587%	0.000%	0.000%	0.000%

13-Aug	-0.714%	2.041%	0.000%	0.000%	3.030%	-20.833%
10-Aug	-0.920%	0.000%	0.000%	0.000%	-2.941%	0.000%
9-Aug	-4.784%	0.000%	12.500%	0.000%	-12.821%	-4.000%
8-Aug	1.159%	-1.010%	0.000%	0.000%	2.632%	0.000%
7-Aug	-1.544%	-1.000%	-11.111%	0.000%	2.703%	0.000%
6-Aug	-3.089%	-9.091%	0.000%	0.000%	2.778%	0.000%
3-Aug	-1.992%	12.245%	0.000%	17.647%	-5.263%	0.000%
2-Aug	4.986%	0.000%	-3.077%	0.000%	5.556%	-10.714%
1-Aug	-0.200%	0.000%	0.000%	-10.526%	-2.703%	-3.448%
31-Jul	3.455%	0.000%	0.000%	-5.000%	0.000%	3.571%
30-Jul	0.678%	0.000%	30.000%	0.000%	2.778%	-3.448%
27-Jul	-3.150%	0.000%	-28.571%	0.000%	-10.000%	0.000%
26-Jul	1.539%	0.000%	0.000%	0.000%	2.564%	0.000%
25-Jul	-0.898%	0.000%	0.000%	0.000%	-2.500%	0.000%
24-Jul	-1.977%	0.000%	0.000%	0.000%	-4.762%	-3.333%
23-Jul	3.776%	0.000%	0.000%	0.000%	7.692%	11.111%
20-Jul	1.116%	0.000%	0.000%	0.000%	5.405%	0.000%
19-Jul	-4.986%	0.000%	-9.091%	0.000%	-7.500%	0.000%
18-Jul	-4.989%	0.000%	-3.750%	0.000%	-4.762%	0.000%
17-Jul	-1.028%	0.000%	12.676%	-2.439%	-2.326%	0.000%
16-Jul	-1.850%	-10.909%	0.000%	2.500%	-12.245%	-3.571%
13-Jul	2.044%	0.000%	-5.333%	0.000%	-3.922%	3.704%
12-Jul	2.314%	-3.509%	10.294%	0.000%	15.909%	8.000%
11-Jul	-0.745%	-3.390%	-6.849%	-2.439%	0.000%	0.000%
10-Jul	-0.755%	0.000%	1.389%	-2.381%	-4.348%	0.000%
9-Jul	-1.685%	-1.667%	0.000%	5.000%	12.195%	0.000%
6-Jul	-0.477%	20.000%	0.000%	8.108%	2.500%	0.000%
5-Jul	-0.581%	0.000%	-6.494%	-2.632%	0.000%	4.167%
4-Jul	2.476%	0.000%	2.667%	0.000%	0.000%	0.000%
3-Jul	-1.223%	0.000%	-3.846%	0.000%	2.564%	-27.273%
2-Jul	1.222%	0.000%	34.483%	0.000%	2.632%	-15.385%
29-Jun	-1.513%	0.000%	-9.375%	0.000%	-5.000%	105.263%
28-Jun	-0.583%	0.000%	-13.514%	-5.000%	0.000%	0.000%
27-Jun	0.867%	-9.091%	2.778%	2.564%	-4.762%	-32.143%
26-Jun	-1.509%	0.000%	12.500%	0.000%	0.000%	0.000%
25-Jun	3.633%	0.000%	-1.538%	-9.302%	2.439%	0.000%
22-Jun	-1.402%	0.000%	3.175%	0.000%	-8.889%	0.000%
21-Jun	-1.534%	12.245%	-1.563%	0.000%	9.756%	-6.667%
20-Jun	-2.395%	0.000%	8.475%	26.471%	5.128%	0.000%
19-Jun	0.105%	0.000%	15.686%	0.000%	2.632%	0.000%
18-Jun	4.987%	-2.000%	0.000%	-2.857%	11.765%	0.000%
15-Jun	4.988%	0.000%	6.250%	0.000%	3.030%	0.000%
14-Jun	4.995%	0.000%	0.000%	-2.778%	3.125%	0.000%
13-Jun	-1.098%	0.000%	-12.727%	0.000%	3.226%	0.000%
12-Jun	0.900%	0.000%	-8.333%	0.000%	0.000%	-6.250%
11-Jun	3.197%	0.000%	20.000%	0.000%	-6.061%	0.000%
8-Jun	4.889%	4.167%	0.000%	2.857%	0.000%	68.421%

7-Jun	-0.688%	0.000%	-7.407%	12.903%	3.125%	0.000%
6-Jun	-0.093%	0.000%	0.000%	0.000%	0.000%	0.000%
5-Jun	0.976%	0.000%	-1.818%	0.000%	-5.882%	0.000%
4-Jun	-1.242%	0.000%	-1.786%	-8.824%	3.030%	0.000%
1-Jun	-1.551%	0.000%	-12.500%	0.000%	3.125%	0.000%
31-May	0.366%	0.000%	-4.478%	0.000%	-5.882%	0.000%
30-May	0.275%	1.053%	-9.459%	6.250%	0.000%	-5.000%
29-May	-2.367%	1.064%	5.714%	0.000%	3.030%	-4.762%
28-May	-0.800%	-1.053%	-14.634%	-3.030%	-2.941%	0.000%
25-May	-0.986%	0.000%	-6.818%	-5.714%	3.030%	0.000%
24-May	2.509%	0.000%	0.000%	9.375%	6.452%	5.000%
23-May	3.843%	0.000%	29.412%	3.226%	0.000%	-16.667%
22-May	3.977%	0.000%	41.667%	3.333%	0.000%	-7.692%
21-May	0.549%	0.000%	71.429%	0.000%	0.000%	0.000%
18-May	-1.086%	0.000%	33.333%	0.000%	3.333%	0.000%
17-May	1.157%	0.000%	-25.000%	-3.226%	7.143%	0.000%
16-May	-3.883%	0.000%	0.000%	0.000%	-6.667%	-3.704%
15-May	-1.977%	0.000%	33.333%	3.333%	3.448%	35.000%
14-May	4.985%	0.000%	-16.000%	0.000%	-9.375%	0.000%
11-May	4.990%	0.000%	0.000%	0.000%	10.345%	0.000%
10-May	4.982%	0.000%	0.000%	-6.250%	-6.452%	0.000%
9-May	2.566%	0.000%	13.636%	0.000%	3.333%	0.000%
8-May	-0.219%	0.000%	-12.000%	6.667%	0.000%	0.000%
7-May	-2.745%	0.000%	-10.714%	-9.091%	-6.250%	5.263%
4-May	2.152%	0.000%	0.000%	10.000%	3.226%	0.000%
3-May	0.000%	0.000%	0.000%	-6.250%	3.333%	0.000%
2-May	-0.862%	0.000%	0.000%	3.226%	3.448%	0.000%
30-Apr	2.655%	0.000%	0.000%	-18.421%	0.000%	0.000%
27-Apr	1.345%	0.000%	0.000%	22.581%	-6.452%	0.000%
26-Apr	0.905%	0.000%	7.692%	-3.125%	-3.125%	0.000%
25-Apr	0.000%	0.000%	-13.333%	0.000%	6.667%	0.000%
24-Apr	-1.295%	0.000%	-18.919%	0.000%	0.000%	0.000%
23-Apr	-1.366%	0.000%	-5.128%	0.000%	0.000%	0.000%
20-Apr	0.221%	0.000%	0.000%	0.000%	3.448%	5.556%
19-Apr	-2.790%	0.000%	0.000%	6.667%	-12.121%	-10.000%
18-Apr	-0.449%	0.000%	0.000%	3.448%	13.793%	0.000%
17-Apr	-0.826%	0.000%	0.000%	3.571%	-6.452%	0.000%
16-Apr	-1.048%	0.000%	-2.500%	-3.448%	0.000%	0.000%
13-Apr	1.188%	0.000%	0.000%	0.000%	0.000%	0.000%
12-Apr	-2.402%	0.000%	11.111%	3.571%	-3.125%	0.000%
11-Apr	5.000%	0.000%	0.000%	-6.667%	3.226%	0.000%
10-Apr	4.999%	0.000%	0.000%	0.000%	-8.824%	5.263%
9-Apr	-5.173%	0.000%	0.000%	0.000%	17.241%	0.000%
6-Apr	1.271%	0.000%	0.000%	0.000%	20.833%	0.000%
5-Apr	1.830%	0.000%	0.000%	7.143%	0.000%	0.000%
4-Apr	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
3-Apr	0.112%	0.000%	0.000%	0.000%	-4.000%	-5.000%

2-Apr	-0.112%	0.000%	0.000%	0.000%	-3.846%	0.000%
30-Mar	0.448%	0.000%	0.000%	0.000%	0.000%	0.000%
29-Mar	0.045%	0.000%	-14.286%	-3.448%	4.000%	0.000%
28-Mar	0.519%	0.000%	-6.667%	11.538%	0.000%	0.000%
27-Mar	-0.113%	0.000%	2.273%	-13.333%	0.000%	-16.667%
26-Mar	2.778%	0.000%	33.333%	0.000%	4.167%	0.000%
22-Mar	-1.370%	0.000%	0.000%	-6.250%	0.000%	0.000%
21-Mar	0.459%	0.000%	0.000%	0.000%	-4.000%	0.000%
20-Mar	-0.909%	0.000%	-8.333%	0.000%	4.167%	0.000%
19-Mar	-1.323%	0.000%	0.000%	0.000%	-7.692%	0.000%
16-Mar	0.157%	0.000%	0.000%	0.000%	4.000%	20.000%
15-Mar	1.136%	0.000%	0.000%	-3.030%	0.000%	0.000%
14-Mar	-0.856%	0.000%	0.000%	0.000%	-3.846%	0.000%
13-Mar	0.248%	0.000%	20.000%	17.857%	0.000%	0.000%
12-Mar	-1.138%	0.000%	-6.250%	0.000%	-10.345%	0.000%
9-Mar	1.357%	0.000%	0.000%	0.000%	11.538%	0.000%
8-Mar	0.045%	0.000%	0.000%	3.704%	0.000%	11.111%
7-Mar	1.470%	21.795%	6.667%	3.846%	-3.704%	0.000%
6-Mar	0.323%	0.000%	3.448%	-18.750%	8.000%	-35.714%
5-Mar	-1.408%	0.000%	0.000%	0.000%	-7.407%	-6.667%
2-Mar	1.898%	0.000%	-3.333%	0.000%	-6.897%	57.895%
1-Mar	3.896%	0.000%	7.143%	0.000%	7.407%	-5.000%
28-Feb	3.896%	0.000%	7.692%	0.000%	3.846%	-4.762%
27-Feb	3.103%	-20.408%	-13.333%	0.000%	-3.704%	0.000%
26-Feb	3.896%	0.000%	25.000%	3.226%	0.000%	0.000%
23-Feb	3.846%	0.000%	0.000%	0.000%	-3.571%	0.000%
22-Feb	3.896%	0.000%	-31.429%	0.000%	0.000%	5.000%
21-Feb	5.366%	0.000%	0.000%	-8.824%	0.000%	0.000%
20-Feb	3.896%	0.000%	-7.895%	0.000%	0.000%	0.000%
19-Feb	6.143%	0.000%	-5.000%	0.000%	-3.448%	0.000%
16-Feb	3.896%	0.000%	5.263%	0.000%	-3.333%	0.000%
15-Feb	5.882%	-2.000%	0.000%	-2.857%	3.448%	0.000%
14-Feb	3.896%	20.482%	26.667%	6.061%	-3.333%	0.000%
13-Feb	5.366%	0.000%	0.000%	0.000%	0.000%	0.000%
12-Feb	3.896%	-16.162%	0.000%	0.000%	-6.250%	0.000%
9-Feb	3.846%	0.000%	0.000%	-2.941%	0.000%	0.000%
8-Feb	3.896%	-1.000%	0.000%	3.030%	0.000%	0.000%
7-Feb	2.857%	0.000%	0.000%	6.452%	10.345%	0.000%
6-Feb	3.896%	0.000%	-9.091%	0.000%	-9.375%	0.000%
2-Feb	3.349%	0.000%	0.000%	-11.429%	3.226%	0.000%
1-Feb	3.896%	0.000%	0.000%	9.375%	3.333%	0.000%
31-Jan	0.435%	0.000%	0.000%	0.000%	-6.250%	0.000%
26-Jan	-1.193%	0.000%	0.000%	0.000%	0.000%	0.000%
Jan-25	0.239%	0.000%	0.000%	0.000%	0.000%	7.692%
Jan-24	0.481%	0.000%	0.000%	3.226%	0.000%	-7.143%
Jan-23	0.289%	0.000%	3.226%	3.333%	0.000%	0.000%
Jan-22	1.171%	3.125%	0.000%	0.000%	0.000%	0.000%

Jan-19	0.663%	0.000%	3.333%	3.448%	0.000%	0.000%
Jan-18	0.074%	3.226%	0.000%	-3.333%	0.000%	7.692%
Jan-17	-0.732%	0.000%	7.143%	0.000%	0.000%	0.000%
Jan-16	0.490%	0.000%	7.692%	7.143%	0.000%	0.000%
Jan-15	0.221%	3.333%	0.000%	0.000%	0.000%	0.000%
Jan-12	-0.707%	-6.250%	0.000%	0.000%	0.000%	8.333%
Jan-11	-0.243%	0.000%	-13.333%	-3.448%	0.000%	0.000%
Jan-10	-1.202%	6.667%	20.000%	-3.333%	0.000%	0.000%
Jan-09	0.702%	0.000%	-16.667%	7.143%	11.111%	0.000%
Jan-08	-1.643%	-14.286%	-11.765%	-9.677%	5.882%	0.000%
Jan-05	0.000%	0.000%	0.000%	3.333%	0.000%	0.000%
Jan-04	0.478%	0.000%	-5.556%	-6.250%	0.000%	-7.692%
Jan-03	2.451%	0.000%	5.882%	-13.514%	6.250%	-7.143%
AM	0.744%	0.371%	0.994%	0.477%	0.477%	1.156%
Annualized AN	546.741%	154.554%	1109.544%	231.823%	231.992%	1711.137%
SD	6.530%	4.826%	10.799%	6.516%	6.641%	15.583%
Annualized SD	103.665%	76.608%	171.433%	103.434%	105.430%	247.374%

Unity Modarba	Al Azhar textile	Ali Asghar Textile	Azam textile	Crescent	Sind	Noon pakistan rc	Saleem Denim
-21.951%	12.245%	0.000%	0.000%	-7.491%	0.000%	0.000%	0.000%
7.895%	0.000%	0.000%	0.000%	8.097%	0.000%	0.000%	0.000%
-29.630%	0.000%	-18.000%	1.351%	0.407%	0.000%	0.000%	0.000%
20.000%	0.000%	0.000%	0.000%	-7.170%	0.000%	0.000%	0.000%
18.421%	0.000%	0.000%	-12.941%	0.000%	3.053%	0.000%	0.000%
0.000%	0.000%	0.000%	1.190%	0.000%	0.000%	0.000%	0.000%
-5.000%	1.031%	4.167%	12.000%	-7.018%	0.000%	0.000%	0.000%
0.000%	0.000%	-2.041%	15.385%	0.000%	-6.429%	0.000%	0.000%
5.263%	0.000%	-2.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.317%	0.000%	0.000%	0.000%	0.000%	7.692%	0.000%	0.000%
-8.889%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
2.273%	0.000%	0.000%	-16.667%	0.000%	0.000%	0.000%	0.000%
4.762%	0.000%	0.000%	-1.266%	0.000%	0.000%	8.333%	0.000%
-12.500%	0.000%	0.000%	33.898%	-2.062%	0.000%	9.091%	0.000%
54.839%	0.000%	0.000%	22.917%	7.380%	0.000%	0.000%	0.000%
-35.417%	5.435%	0.000%	4.348%	0.000%	0.000%	0.000%	100.000%
0.000%	2.222%	8.696%	9.524%	0.000%	0.000%	0.000%	0.000%
-2.041%	0.000%	0.000%	-2.326%	0.000%	0.000%	0.000%	0.000%
-5.769%	0.000%	0.000%	7.500%	0.000%	0.000%	0.000%	0.000%
15.556%	1.124%	0.000%	-32.203%	7.115%	0.000%	0.000%	0.000%
80.000%	-4.301%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.407%	5.682%	35.294%	1.724%	-6.296%	0.775%	0.000%	0.000%
8.000%	0.000%	6.250%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-8.333%	0.000%	0.000%	-6.250%	0.000%	0.000%	0.000%
-30.556%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
80.000%	0.000%	0.000%	-3.333%	0.000%	1.575%	0.000%	0.000%
0.000%	-4.000%	0.000%	1.695%	-0.690%	0.794%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-0.344%	0.000%	0.000%	0.000%
0.000%	-9.910%	-5.882%	0.000%	0.000%	0.800%	-8.333%	0.000%
17.647%	-14.615%	-5.556%	0.000%	0.000%	2.041%	0.000%	0.000%
0.000%	-7.143%	0.000%	0.000%	0.000%	2.083%	0.000%	0.000%
6.250%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
6.667%	6.061%	0.000%	-3.279%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-6.250%	0.000%	-2.703%	1.667%	-6.129%	3.448%	0.000%	0.000%
0.000%	0.000%	-5.128%	0.000%	0.000%	0.000%	0.000%	0.000%
6.667%	0.000%	21.875%	-7.692%	0.000%	0.000%	0.000%	0.000%
0.000%	10.000%	0.000%	-5.797%	-2.516%	0.000%	0.000%	0.000%
0.000%	0.000%	6.667%	-6.757%	6.000%	0.870%	0.000%	0.000%
0.000%	-9.091%	-3.226%	25.424%	-1.316%	0.000%	0.000%	0.000%
0.000%	1.538%	0.000%	15.686%	0.000%	0.000%	0.000%	0.000%
0.000%	6.557%	-3.125%	-12.069%	-5.000%	0.000%	0.000%	0.000%

-6.250%	5.172%	0.000%	-10.769%	0.000%	0.000%	0.000%	0.000%
23.077%	11.538%	0.000%	3.175%	-1.538%	0.000%	0.000%	0.000%
-7.143%	4.000%	0.000%	-3.077%	0.000%	0.000%	9.091%	0.000%
0.000%	20.482%	3.226%	16.071%	0.000%	0.000%	3.286%	0.000%
0.000%	0.000%	0.000%	12.000%	-5.797%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.291%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	25.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-7.778%	0.000%	0.000%	5.199%	0.000%	0.000%	0.000%
0.000%	8.434%	3.333%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	3.750%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	14.286%	0.000%	0.000%	5.825%	0.000%	0.000%	0.000%
-6.667%	-1.408%	0.000%	0.000%	6.920%	0.000%	-8.584%	0.000%
0.000%	0.000%	0.000%	0.000%	7.037%	0.000%	6.881%	0.000%
-6.250%	0.000%	3.448%	0.000%	5.882%	0.000%	0.000%	0.000%
6.667%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	11.538%	0.000%	0.000%	0.000%	0.000%	0.000%
15.385%	0.000%	-35.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-13.333%	-5.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
15.385%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-6.977%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	5.263%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	22.581%	7.500%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.143%	0.000%	0.000%	-2.439%	6.250%	0.000%	0.000%	0.000%
0.000%	0.000%	3.333%	0.000%	0.000%	0.000%	0.000%	0.000%
-6.667%	0.000%	0.000%	0.000%	-6.250%	0.000%	0.000%	0.000%
15.385%	0.000%	0.000%	-2.381%	2.400%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	4.167%	0.000%	0.000%	0.000%
-7.143%	0.000%	0.000%	5.000%	0.000%	0.000%	3.810%	0.000%
0.000%	0.000%	-36.170%	2.564%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-2.500%	-5.882%	0.000%	0.000%	0.000%
0.000%	0.000%	2.174%	-13.043%	-1.923%	0.000%	0.000%	0.000%
16.667%	0.000%	0.000%	15.000%	0.000%	0.000%	0.000%	0.000%
-7.692%	0.000%	0.000%	0.000%	0.000%	0.000%	10.526%	0.000%
0.000%	0.000%	-2.128%	-16.667%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	11.111%	0.000%
8.333%	0.000%	0.000%	0.000%	-5.455%	-2.128%	0.000%	0.000%
9.091%	-6.250%	0.000%	-31.429%	-1.786%	2.174%	0.000%	0.000%
-8.333%	0.000%	0.000%	0.000%	0.000%	-2.128%	0.000%	0.000%
0.000%	0.000%	0.000%	25.000%	0.000%	0.000%	0.000%	0.000%
-14.286%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
7.692%	0.000%	0.000%	0.000%	1.818%	0.000%	0.000%	0.000%
-7.143%	0.000%	0.000%	-6.667%	-3.509%	0.000%	-10.000%	0.000%
-6.667%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
7.143%	0.000%	0.000%	0.000%	-3.390%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	3.448%	5.357%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-6.667%	0.000%	0.000%	0.000%

0.000%	0.000%	0.000%	-6.452%	-5.660%	0.000%	0.000%	0.000%
27.273%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	3.333%	0.000%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	-11.765%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	17.241%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.692%	0.000%	0.000%	0.000%	0.000%	-1.674%	0.000%	0.000%
0.000%	0.000%	0.000%	-17.143%	-0.625%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	6.667%	-0.417%	0.000%	0.000%
8.333%	0.000%	14.634%	0.000%	-3.226%	0.000%	0.000%	0.000%
-7.692%	0.000%	0.000%	0.000%	-4.908%	-2.834%	0.000%	0.000%
0.000%	0.000%	2.500%	11.111%	5.161%	0.000%	0.000%	0.000%
0.000%	14.286%	0.000%	31.250%	0.000%	-1.200%	0.000%	0.000%
-7.143%	-9.091%	0.000%	-29.412%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-2.857%	0.000%	4.603%	0.000%	0.000%
0.000%	0.000%	0.000%	25.000%	0.000%	2.575%	0.000%	0.000%
7.692%	0.000%	-9.091%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	-12.000%	0.000%	-3.125%	0.000%	0.000%	0.000%
-13.333%	0.000%	0.000%	0.000%	-3.030%	0.000%	0.000%	0.000%
-6.250%	0.000%	0.000%	0.000%	-2.941%	0.000%	0.000%	0.000%
-5.882%	0.000%	-9.091%	0.000%	3.030%	0.000%	0.000%	0.000%
21.429%	0.000%	30.952%	7.692%	0.000%	1.304%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	6.452%	0.000%	0.000%	0.000%
-6.667%	0.000%	0.000%	0.000%	-4.615%	0.000%	0.000%	0.000%
-6.250%	0.000%	0.000%	0.000%	-3.846%	0.000%	0.000%	0.000%
23.077%	0.000%	0.000%	0.000%	0.000%	8.491%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	6.289%	0.000%	0.000%	0.000%
8.333%	0.000%	0.000%	0.000%	6.711%	0.474%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	7.194%	0.476%	5.556%	0.000%
-7.692%	0.000%	0.000%	0.000%	7.752%	-4.545%	0.000%	0.000%
8.333%	0.000%	0.000%	0.000%	8.403%	0.000%	0.000%	0.000%
0.000%	0.000%	5.000%	0.000%	9.174%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	0.000%	10.101%	0.000%	0.000%	0.000%
-8.333%	0.000%	-9.091%	-27.778%	10.615%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	5.294%	0.000%	0.000%	0.000%
0.000%	0.000%	-6.383%	38.462%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	4.444%	62.500%	6.250%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	6.667%	-1.235%	0.000%	0.000%	0.000%
-8.333%	0.000%	12.500%	3.448%	0.000%	0.000%	5.882%	0.000%
20.000%	0.000%	0.000%	0.000%	-9.497%	0.000%	0.000%	0.000%
-9.091%	0.000%	0.000%	-34.091%	5.294%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	8.974%	0.000%	0.000%	0.000%
0.000%	0.000%	-14.894%	0.000%	-5.455%	4.762%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	6.818%	0.000%	0.000%	0.000%	0.000%	0.000%

-8.333%	0.000%	0.000%	0.000%	0.610%	-4.977%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	1.235%	-0.450%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	1.250%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	0.000%	-1.235%	4.225%	0.000%	0.000%
-15.385%	0.000%	0.000%	0.000%	0.000%	-3.182%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-5.263%	3.774%	0.000%	0.000%
18.182%	-6.098%	0.000%	0.000%	-1.156%	0.000%	0.000%	0.000%
-8.333%	7.895%	0.000%	0.000%	-8.947%	0.952%	0.000%	0.000%
9.091%	0.000%	-2.222%	0.000%	2.151%	-8.297%	0.000%	0.000%
10.000%	0.000%	-6.250%	0.000%	0.000%	9.048%	0.000%	0.000%
0.000%	-6.173%	20.000%	0.000%	0.000%	-2.778%	0.000%	0.000%
-9.091%	0.000%	0.000%	0.000%	0.000%	-4.425%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	3.333%	4.630%	0.000%	0.000%
0.000%	0.000%	0.000%	-4.348%	3.448%	-8.475%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	9.259%	0.000%	0.000%
0.000%	1.250%	0.000%	-4.167%	12.258%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	2.857%	0.000%	0.000%
0.000%	-5.882%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	5.000%	0.000%	0.000%
10.000%	0.000%	0.000%	0.000%	-6.061%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	-0.498%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-9.091%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-18.269%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	3.125%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-5.882%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.500%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	-4.762%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	60.000%	0.000%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	0.000%	0.000%	-1.478%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-8.333%	-0.952%	0.000%	-3.226%	0.000%	0.000%	0.000%	0.000%
9.091%	0.000%	7.692%	0.000%	4.938%	0.000%	0.000%	0.000%
0.000%	5.000%	0.000%	0.000%	0.000%	-7.727%	0.000%	0.000%
0.000%	0.000%	0.000%	3.333%	0.000%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	-25.000%	0.000%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	0.000%	10.959%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	0.000%	0.000%	10.000%	0.000%	0.000%
9.091%	0.000%	0.000%	0.000%	0.000%	-4.762%	4.938%	0.000%
0.000%	9.890%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
10.000%	8.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

0.000%	0.000%	0.000%	0.000%	-11.515%	-7.895%	1.250%	0.000%
-9.091%	0.000%	11.429%	0.000%	9.272%	8.571%	0.000%	0.000%
0.000%	0.000%	29.630%	0.000%	0.000%	10.526%	0.000%	0.000%
10.000%	-1.176%	-28.947%	0.000%	0.000%	0.000%	0.000%	0.000%
-9.091%	0.000%	0.000%	0.000%	-5.625%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-4.762%	0.000%	-9.524%	6.667%	0.000%
10.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-5.063%	0.000%
-9.091%	0.000%	-9.524%	0.000%	0.000%	10.526%	0.000%	0.000%
0.000%	0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	-35.484%
-8.333%	0.000%	0.000%	0.000%	-5.882%	0.000%	0.000%	0.000%
20.000%	0.000%	0.000%	0.000%	0.000%	-5.000%	0.000%	0.000%
-9.091%	0.000%	5.263%	0.000%	0.000%	11.111%	0.000%	0.000%
0.000%	0.000%	8.571%	0.000%	4.294%	0.000%	0.000%	0.000%
0.000%	1.190%	0.000%	0.000%	-1.807%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	0.000%	3.750%	0.000%	0.000%	0.000%
9.091%	0.000%	0.000%	-4.545%	1.911%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-10.286%	11.111%	0.000%	0.000%
0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.621%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-8.333%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-4.762%	0.000%	0.000%	0.000%	-10.556%	-11.236%	0.000%
-7.692%	0.000%	2.941%	0.000%	-2.778%	0.000%	-11.236%	0.000%
0.000%	5.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
8.333%	0.000%	0.000%	0.000%	-2.703%	-0.552%	0.000%	0.000%
-7.692%	0.000%	0.000%	-2.222%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-2.174%	-3.141%	0.556%	0.000%	0.000%
-7.143%	14.286%	-15.000%	0.000%	-0.521%	12.500%	0.000%	0.000%
7.692%	0.000%	0.000%	0.000%	6.667%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
8.333%	0.000%	0.000%	0.000%	-3.226%	-5.882%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	-4.124%	-10.526%	0.000%	0.000%
-7.692%	0.000%	0.000%	0.000%	1.042%	0.000%	0.000%	47.619%
0.000%	0.000%	-2.439%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	2.500%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-7.895%	0.000%	0.000%	1.053%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.143%	0.000%	0.000%	0.000%	0.000%	-12.844%	0.000%	0.000%
7.692%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.143%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
7.692%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
-7.143%	0.000%	-9.091%	0.000%	-2.564%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	1.563%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.556%
0.000%	0.000%	0.000%	-6.796%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.488%	0.000%	0.000%	0.000%	0.559%

0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	10.494%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	-4.348%	0.000%	-2.844%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	1.442%	0.000%	0.000%	0.000%	0.000%
0.000%	-2.128%	0.000%	4.000%	0.000%	0.000%	0.000%	-4.706%
0.000%	0.000%	0.000%	3.093%	0.000%	0.000%	0.000%	0.000%
-15.556%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	-0.585%
2.273%	-2.083%	0.000%	2.646%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	-1.563%	0.000%	0.000%	0.000%	-5.000%
0.000%	0.000%	0.000%	5.495%	0.000%	0.000%	0.000%	0.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0.000%	11.628%	0.000%	0.000%	10.101%	0.000%	4.706%	0.000%
0.000%	11.628%	0.000%	-1.622%	-1.000%	0.000%	709.524%	0.000%
0.833%	0.278%	0.197%	0.675%	0.199%	0.134%	3.058%	0.460%
709.091%	101.480%	64.053%	445.312%	65.019%	39.965%	197961.398%	218.224%
11.389%	3.835%	6.604%	9.885%	3.675%	3.040%	45.468%	7.490%
180.800%	60.878%	104.838%	156.926%	58.338%	48.251%	721.782%	118.904%

Eye TV	Pak datacom	Worldcall telecom	Saif Nadeem Kawasaki	Atlas Battery Ltd	Exide Pakistan Ltd	Transmission Eng Ind Ltd	Siemens (Pakistan) Eng Co Ltd
-4.948%	-4.950%	-5.682%	0.000%	-4.984%	-9.318%	0.000%	-2.188%
4.382%	0.000%	-1.950%	0.000%	2.273%	-4.750%	0.000%	0.000%
4.926%	-2.885%	-0.554%	0.000%	-1.911%	0.251%	0.000%	0.000%
5.000%	0.000%	-1.096%	0.000%	1.783%	-0.250%	0.000%	-0.172%
4.036%	3.175%	1.389%	0.000%	0.000%	-3.382%	4.372%	-2.192%
3.241%	1.205%	0.559%	0.000%	-2.343%	0.000%	-8.500%	0.000%
2.857%	-1.190%	0.845%	0.000%	1.903%	-1.429%	0.000%	-0.503%
2.941%	0.000%	-0.281%	0.000%	0.000%	1.449%	8.696%	4.257%
4.830%	0.000%	0.000%	0.000%	-1.274%	3.500%	-0.541%	-1.493%
-0.714%	-1.946%	-0.280%	0.000%	-1.258%	-2.534%	0.000%	0.636%
0.000%	2.800%	-0.557%	0.000%	-0.625%	-5.000%	-7.500%	-1.143%
0.000%	0.241%	-1.102%	-3.226%	-0.312%	3.846%	0.000%	0.575%
2.083%	-4.809%	-1.090%	0.000%	3.548%	4.000%	0.000%	-2.192%
-2.041%	3.150%	-0.811%	0.000%	-2.516%	3.093%	0.000%	1.657%
2.083%	0.000%	-0.538%	5.085%	2.251%	-2.020%	0.000%	2.100%
-4.478%	0.000%	3.333%	0.000%	2.303%	0.610%	0.000%	0.000%
-3.179%	0.039%	-1.370%	-1.667%	1.401%	2.607%	-1.478%	0.824%
-0.954%	3.633%	5.491%	0.000%	0.000%	4.981%	0.495%	-2.551%
0.287%	-0.407%	1.170%	0.000%	0.604%	5.000%	-3.810%	0.838%
-0.760%	0.000%	0.000%	0.000%	2.055%	-0.515%	2.439%	0.523%
0.286%	-1.403%	-0.581%	0.000%	0.000%	0.807%	-3.756%	4.303%
2.140%	-0.200%	-1.149%	0.000%	0.690%	0.000%	0.000%	0.733%
3.838%	1.215%	-0.855%	1.695%	0.000%	0.000%	7.576%	4.731%
4.320%	0.816%	-1.127%	0.000%	0.694%	4.487%	0.000%	-4.993%
4.978%	0.823%	2.899%	0.000%	0.699%	-4.979%	0.000%	-4.998%
4.994%	0.000%	-0.862%	-6.349%	0.000%	4.018%	0.000%	-5.000%
-3.258%	-1.220%	0.000%	-10.000%	2.143%	-1.869%	0.000%	-5.000%
0.112%	0.000%	0.288%	0.000%	0.000%	0.000%	0.000%	-4.903%
-1.332%	-1.561%	-0.857%	0.000%	-1.408%	0.000%	0.000%	1.051%
-4.958%	-0.833%	-2.507%	0.000%	-3.072%	0.000%	2.591%	2.462%
1.935%	1.286%	-1.374%	0.000%	0.342%	0.000%	0.000%	-4.177%
1.639%	4.979%	1.393%	2.941%	3.915%	0.000%	-3.500%	-0.196%
1.667%	-1.044%	-0.278%	0.000%	-1.817%	0.000%	4.712%	0.000%
-1.961%	-2.563%	-1.099%	0.000%	-4.568%	4.295%	-9.048%	-0.342%
-1.818%	4.640%	1.111%	7.937%	2.495%	0.000%	-7.895%	4.977%
-4.980%	-1.178%	-3.485%	-14.865%	-5.000%	0.000%	-8.065%	-2.501%
-3.340%	0.000%	2.473%	0.000%	-3.539%	0.000%	6.438%	2.513%
-2.115%	-0.958%	-3.958%	12.121%	-4.970%	0.000%	-6.800%	-2.500%
0.000%	-3.885%	-0.263%	-14.286%	0.599%	-4.006%	4.167%	-1.478%
0.000%	-3.217%	-5.000%	30.508%	-4.979%	-5.000%	0.000%	-1.168%
0.971%	4.453%	2.564%	-22.368%	3.170%	0.000%	3.896%	0.440%
4.040%	-0.403%	-1.015%	0.000%	-4.832%	0.000%	-3.750%	1.792%
-1.000%	0.000%	5.348%	0.000%	0.590%	0.000%	0.000%	1.928%

1.420%	3.204%	-0.796%	0.000%	2.506%	-0.717%	7.623%	4.952%
-3.899%	4.980%	1.344%	0.000%	-0.601%	4.375%	9.852%	2.065%
3.532%	5.000%	-2.105%	0.000%	4.989%	4.955%	0.995%	3.429%
4.979%	0.000%	-1.042%	0.000%	4.986%	4.979%	0.000%	3.370%
-4.935%	0.000%	2.949%	0.000%	1.571%	4.995%	-1.471%	-3.639%
-4.976%	3.810%	0.811%	-1.299%	0.000%	5.000%	-7.273%	1.651%
-4.914%	0.000%	-2.632%	0.000%	0.000%	0.000%	0.000%	0.343%
2.710%	-2.778%	0.529%	0.000%	1.629%	0.000%	0.000%	-3.257%
3.984%	0.935%	-1.047%	0.000%	2.333%	0.000%	-3.930%	-0.003%
5.000%	0.706%	-3.046%	0.000%	1.351%	0.351%	-6.531%	0.556%
0.000%	0.000%	1.285%	0.000%	-1.333%	0.000%	4.255%	-1.586%
2.083%	0.331%	-2.750%	0.000%	0.000%	-5.000%	8.295%	1.894%
-1.538%	1.827%	-0.498%	0.000%	1.868%	1.488%	7.426%	2.689%
0.932%	0.580%	-2.899%	0.000%	4.991%	2.001%	0.000%	78.367%
4.886%	4.444%	1.471%	0.000%	2.860%	5.000%	0.000%	0.513%
1.881%	0.000%	5.155%	0.000%	4.965%	0.000%	-1.463%	0.000%
-1.525%	2.062%	-1.020%	28.333%	-4.974%	0.000%	-2.844%	0.000%
0.548%	-3.483%	-2.244%	0.000%	-4.070%	0.000%	0.476%	0.000%
4.943%	4.688%	-1.232%	0.000%	-5.000%	-0.826%	0.000%	0.000%
1.045%	0.000%	4.639%	-14.286%	-19.957%	0.000%	-6.250%	0.000%
5.000%	1.053%	5.435%	2.941%	4.986%	0.000%	5.660%	-2.010%
0.244%	0.053%	2.222%	0.000%	1.420%	0.000%	-7.826%	0.000%
1.741%	3.207%	1.408%	13.333%	1.441%	0.000%	0.000%	2.051%
-0.124%	-2.232%	-0.560%	0.000%	3.274%	0.833%	9.005%	0.000%
0.625%	-4.757%	-1.653%	0.000%	-1.147%	0.000%	-8.261%	0.000%
1.010%	-5.000%	0.833%	0.000%	0.562%	0.000%	-3.361%	0.000%
4.901%	0.000%	1.695%	-18.919%	1.198%	0.000%	8.182%	0.000%
2.027%	4.000%	0.000%	0.000%	1.212%	-0.433%	0.000%	0.000%
-2.632%	0.000%	1.143%	0.000%	4.463%	0.000%	-3.084%	0.000%
-5.000%	-3.846%	-1.408%	23.333%	-0.032%	0.000%	-5.417%	-2.500%
-4.535%	-0.478%	-2.204%	0.000%	1.023%	0.000%	0.000%	0.000%
0.359%	1.456%	2.254%	0.000%	3.679%	0.000%	-4.000%	0.000%
4.375%	4.040%	-0.281%	0.000%	1.242%	0.000%	8.696%	0.000%
-2.439%	0.000%	-3.261%	0.000%	-5.696%	0.000%	-4.167%	-34.512%
-1.796%	-4.808%	3.955%	0.000%	0.317%	5.000%	-4.000%	-1.484%
4.899%	0.971%	1.433%	0.000%	5.000%	0.000%	0.000%	0.000%
4.875%	1.980%	2.047%	-14.286%	3.878%	-4.933%	10.619%	0.000%
-4.887%	0.000%	-3.662%	0.000%	0.000%	0.000%	0.000%	-2.516%
-2.801%	1.000%	9.231%	0.000%	0.000%	0.000%	-0.441%	-2.990%
-4.535%	-2.676%	-2.402%	0.000%	-5.000%	4.991%	0.442%	2.502%
0.000%	2.750%	-5.666%	0.000%	1.333%	0.000%	-8.130%	0.314%
1.775%	-0.990%	0.284%	0.000%	-1.961%	-4.513%	-7.519%	-0.313%
-4.949%	-0.980%	-5.376%	0.000%	-2.548%	0.000%	-6.993%	1.912%
-4.920%	0.000%	-3.125%	0.000%	1.290%	-4.974%	-1.379%	1.226%
-0.532%	2.000%	-1.031%	0.000%	0.000%	2.641%	-6.452%	3.818%
0.000%	-1.961%	-2.267%	0.000%	2.007%	-4.826%	-6.061%	-0.599%
3.070%	-4.673%	-1.975%	0.000%	-3.217%	4.996%	-5.714%	-1.508%

-5.000%	-2.059%	4.922%	0.000%	-4.268%	-3.333%	0.000%	1.599%
1.480%	-5.000%	-2.525%	0.000%	-0.906%	-4.762%	3.245%	-2.911%
-4.925%	-0.862%	-3.415%	0.000%	1.534%	0.000%	6.270%	-4.978%
-0.500%	0.870%	1.235%	0.000%	-1.807%	-4.986%	6.689%	4.900%
2.249%	-1.625%	3.053%	0.000%	-1.775%	0.000%	7.168%	-3.784%
-4.678%	2.544%	-3.202%	0.000%	-0.588%	-5.000%	7.722%	-4.615%
4.908%	-0.870%	-0.976%	0.000%	3.501%	-5.000%	8.368%	1.502%
4.936%	1.680%	1.485%	0.000%	-3.382%	4.348%	0.420%	-1.187%
-2.917%	-3.126%	-0.493%	0.000%	1.190%	-3.926%	2.586%	-4.748%
2.128%	0.647%	2.010%	0.000%	-1.060%	-5.000%	0.870%	-0.618%
2.174%	-1.612%	-0.251%	0.000%	0.177%	0.000%	4.545%	-1.982%
1.099%	0.769%	-0.499%	0.000%	1.802%	0.000%	4.762%	0.000%
1.111%	0.000%	1.263%	-2.778%	0.181%	4.971%	-0.943%	4.971%
3.093%	0.000%	-2.941%	0.000%	-1.599%	-3.665%	0.952%	4.848%
4.928%	3.084%	2.000%	0.000%	3.620%	2.692%	0.000%	-4.762%
-4.587%	4.128%	3.093%	0.000%	3.165%	4.478%	4.478%	5.000%
-4.907%	-0.229%	-1.272%	0.000%	-4.387%	3.413%	0.500%	0.000%
-4.974%	-5.000%	-4.843%	0.000%	-3.363%	-4.992%	-4.762%	0.000%
-4.926%	-4.919%	3.769%	0.000%	0.588%	-4.984%	-0.943%	-1.493%
1.096%	-2.065%	2.577%	0.000%	0.592%	-4.966%	10.417%	1.515%
-4.924%	0.000%	-4.433%	0.000%	-1.170%	5.000%	-3.030%	1.227%
-4.950%	-0.363%	4.910%	0.000%	-1.554%	0.054%	4.211%	-2.102%
3.157%	2.438%	0.519%	0.000%	-0.828%	5.000%	2.703%	3.416%
4.971%	3.863%	3.217%	2.857%	2.277%	0.000%	8.824%	0.625%
-5.000%	-4.937%	1.635%	0.000%	4.997%	0.000%	6.250%	0.000%
-4.930%	-5.000%	-1.872%	0.000%	-2.859%	-3.261%	-5.882%	-2.736%
-3.729%	-3.044%	0.000%	0.000%	-1.177%	-4.192%	13.333%	2.813%
3.147%	4.970%	-0.796%	0.000%	0.533%	-3.807%	12.782%	0.000%
4.954%	4.969%	1.344%	0.000%	-1.458%	4.858%	0.000%	-3.030%
4.107%	5.000%	-2.618%	0.000%	2.205%	4.990%	-10.135%	-3.452%
4.910%	1.770%	4.087%	0.000%	4.973%	10.210%	8.824%	-1.499%
4.942%	-0.265%	-1.872%	0.000%	4.992%	4.976%	0.000%	1.166%
4.967%	4.956%	5.352%	2.941%	5.000%	4.990%	0.000%	0.823%
4.983%	3.798%	-0.281%	0.000%	-0.172%	4.993%	3.817%	3.846%
4.988%	-0.716%	-0.280%	0.000%	-0.582%	4.983%	-6.429%	5.000%
4.713%	2.696%	0.000%	-15.000%	-4.976%	5.000%	0.000%	4.243%
-4.964%	-3.774%	-2.725%	0.000%	4.949%	-2.273%	-4.110%	0.000%
-1.432%	1.923%	3.090%	0.000%	1.034%	0.000%	2.817%	3.207%
0.119%	-1.887%	1.714%	0.000%	-3.010%	2.924%	1.429%	-2.027%
4.887%	0.952%	2.941%	0.000%	4.363%	0.000%	-10.828%	0.000%
-0.250%	0.527%	-0.875%	19.403%	4.984%	0.000%	0.000%	0.000%
0.000%	-1.925%	-1.719%	-20.238%	4.962%	0.117%	0.000%	0.000%
-0.498%	0.948%	-0.286%	0.000%	-2.219%	0.078%	14.599%	-4.884%
3.742%	4.975%	-0.568%	5.000%	-2.135%	-3.759%	-0.725%	0.000%
4.871%	3.024%	-0.565%	0.000%	0.630%	1.916%	-2.128%	0.000%
4.823%	-0.712%	2.312%	3.896%	-2.878%	-1.024%	-9.032%	0.000%
4.911%	-0.051%	1.466%	0.000%	-1.068%	1.815%	13.971%	-2.689%

5.000%	-0.707%	-1.159%	0.000%	1.152%	-0.077%	-0.730%	-0.498%
0.000%	-1.000%	-3.900%	20.313%	4.989%	4.982%	-12.739%	-0.124%
0.471%	1.010%	0.843%	-23.810%	5.000%	4.974%	-1.875%	0.815%
2.742%	1.227%	0.282%	18.310%	5.000%	5.000%	0.000%	-5.000%
2.819%	-3.455%	-1.389%	0.000%	-3.459%	3.704%	0.000%	0.000%
4.870%	2.375%	0.000%	-20.225%	1.469%	4.854%	9.589%	1.895%
2.313%	4.987%	1.124%	11.250%	2.425%	1.628%	0.690%	4.649%
-1.576%	1.235%	1.714%	6.667%	4.958%	0.099%	-9.375%	-3.639%
0.528%	4.961%	4.167%	0.000%	4.975%	-2.174%	5.960%	-6.088%
4.604%	3.140%	-0.592%	0.000%	1.877%	2.679%	13.534%	1.168%
4.023%	0.000%	6.289%	-18.478%	0.471%	5.000%	0.000%	4.997%
4.400%	1.117%	0.633%	2.222%	0.952%	0.000%	-5.674%	2.502%
-0.596%	-1.619%	-2.769%	0.000%	0.000%	1.053%	2.174%	3.228%
0.199%	-0.058%	-1.813%	-4.255%	0.048%	1.604%	-1.429%	4.804%
1.826%	-1.199%	6.431%	4.444%	0.719%	1.190%	3.704%	4.972%
-0.202%	-0.511%	5.424%	0.000%	-2.570%	5.000%	17.391%	-4.542%
0.203%	-2.816%	-1.338%	-8.163%	0.943%	0.000%	0.000%	-4.592%
3.789%	4.986%	-0.333%	-2.000%	2.913%	0.000%	2.679%	-4.213%
0.423%	3.916%	3.448%	11.111%	0.488%	0.000%	1.818%	3.462%
4.646%	0.000%	-2.685%	12.500%	-3.302%	0.000%	22.222%	4.698%
1.119%	-0.060%	0.676%	0.000%	1.923%	0.000%	0.000%	3.186%
4.930%	-1.131%	-0.337%	5.263%	0.483%	0.000%	0.000%	3.885%
4.926%	1.757%	6.071%	0.000%	-3.721%	0.000%	-5.263%	-2.113%
5.181%	-3.956%	0.000%	-2.564%	4.369%	0.000%	0.000%	-0.564%
5.464%	0.526%	1.449%	-2.500%	0.488%	0.000%	0.000%	5.000%
2.809%	-0.175%	0.364%	33.333%	0.638%	-2.222%	0.000%	4.999%
-3.261%	2.452%	1.852%	0.000%	2.362%	4.651%	-3.061%	4.997%
1.377%	-0.239%	5.058%	0.000%	0.505%	0.000%	0.000%	4.996%
0.554%	-2.103%	0.784%	0.000%	3.665%	0.000%	0.000%	5.000%
0.278%	4.073%	8.051%	-11.765%	1.596%	0.000%	0.000%	4.579%
5.882%	0.366%	2.165%	1.493%	-1.981%	0.000%	8.889%	0.000%
-0.585%	0.738%	3.125%	-4.286%	0.947%	0.000%	-4.255%	4.390%
3.636%	1.056%	0.448%	16.667%	0.000%	0.000%	3.297%	-2.381%
-1.786%	0.751%	-1.327%	-18.919%	1.604%	1.058%	0.000%	0.000%
-0.592%	-0.125%	-1.310%	27.586%	1.686%	0.118%	-5.208%	0.000%
0.000%	0.629%	3.620%	0.000%	3.898%	0.000%	0.000%	0.191%
-2.029%	0.633%	-0.450%	11.538%	0.000%	0.000%	-4.000%	0.000%
-1.429%	4.084%	0.452%	1.961%	4.302%	2.410%	-13.793%	0.000%
2.941%	0.264%	-0.450%	-25.000%	4.947%	4.403%	-14.706%	0.000%
0.000%	-0.264%	0.909%	-1.449%	0.560%	-3.695%	0.000%	3.752%
-2.017%	2.498%	-0.901%	0.000%	0.878%	-2.882%	-2.857%	3.600%
4.204%	0.000%	-1.770%	15.000%	-0.250%	0.000%	0.000%	0.000%
-1.479%	-0.936%	0.000%	30.435%	1.011%	0.000%	-12.500%	-3.465%
-1.744%	1.219%	-0.441%	-22.034%	0.000%	0.000%	0.000%	1.000%
4.242%	0.613%	2.715%	-23.377%	-0.441%	0.000%	-11.111%	0.000%
-3.509%	0.893%	-1.339%	28.333%	0.697%	0.000%	0.000%	-0.200%
5.231%	-0.886%	0.000%	-16.667%	0.000%	0.000%	0.000%	0.195%

6.557%	-0.677%	-2.609%	28.571%	2.335%	0.000%	-10.000%	-0.985%
7.018%	-0.672%	5.991%	0.000%	-1.783%	0.000%	7.527%	0.899%
-4.362%	-0.134%	-1.810%	0.000%	1.816%	0.000%	11.377%	0.000%
-1.325%	-1.259%	1.843%	-6.667%	0.000%	0.000%	9.868%	-0.891%
0.000%	0.266%	-1.810%	0.000%	-1.533%	0.000%	15.152%	0.899%
-4.430%	-2.209%	-1.339%	0.000%	0.707%	0.000%	17.857%	-4.576%
0.317%	1.517%	0.448%	15.385%	1.435%	0.000%	21.739%	4.900%
-1.563%	4.986%	-2.620%	0.000%	1.389%	0.000%	-8.000%	-4.762%
-5.882%	0.278%	-0.435%	0.000%	-2.136%	2.906%	19.048%	0.478%
-5.556%	1.408%	-1.709%	-10.345%	-0.579%	0.000%	-6.667%	-5.000%
0.000%	0.638%	3.084%	0.000%	0.388%	0.000%	-9.091%	0.000%
3.448%	-0.634%	9.662%	0.000%	1.842%	0.000%	1.020%	-3.509%
6.098%	-0.699%	-0.481%	-6.452%	-0.066%	-1.667%	4.255%	0.000%
2.500%	0.000%	-1.422%	0.000%	-1.808%	0.000%	-4.082%	0.000%
6.667%	-0.694%	0.957%	-3.125%	0.000%	0.000%	22.500%	0.000%
-0.662%	2.564%	-2.791%	0.000%	2.583%	0.000%	11.111%	0.000%
7.092%	0.000%	5.392%	16.364%	0.466%	0.000%	2.857%	0.000%
6.015%	-1.543%	2.000%	0.000%	-1.765%	0.000%	16.667%	0.000%
1.141%	0.423%	-0.498%	30.952%	0.000%	0.000%	-10.448%	0.000%
4.365%	-0.699%	0.500%	2.439%	2.273%	0.000%	-16.250%	0.000%
3.279%	0.000%	-0.498%	0.000%	0.403%	0.000%	0.000%	0.000%
-4.314%	0.281%	0.500%	-8.889%	-2.614%	3.067%	0.000%	0.000%
-1.544%	-1.315%	0.000%	0.000%	-1.481%	-1.807%	-8.046%	0.000%
-4.074%	-2.365%	0.000%	0.000%	3.602%	0.000%	-8.421%	-5.000%
-5.594%	-0.738%	-0.498%	0.000%	0.604%	0.000%	0.000%	0.000%
6.716%	5.000%	-0.985%	0.000%	-0.667%	0.000%	1.064%	0.000%
3.077%	-0.281%	0.995%	-6.250%	0.806%	0.000%	0.000%	0.000%
-3.704%	1.714%	-1.471%	2.128%	-2.105%	0.000%	-1.053%	0.000%
5.882%	0.358%	-0.971%	2.174%	0.000%	1.840%	0.000%	0.000%
8.511%	0.941%	1.478%	2.222%	0.662%	0.000%	-11.215%	0.000%
9.302%	0.145%	-1.456%	0.000%	0.000%	0.000%	21.591%	0.000%
2.381%	0.000%	-1.435%	-18.182%	1.684%	0.000%	-6.383%	0.000%
6.061%	-2.058%	0.000%	0.000%	0.000%	0.000%	17.500%	0.000%
-0.503%	-0.775%	1.951%	0.000%	-1.656%	-2.976%	0.000%	0.000%
4.737%	-1.389%	-2.844%	0.000%	0.667%	1.205%	0.000%	0.000%
0.000%	-0.690%	-2.315%	0.000%	-0.662%	0.000%	0.000%	0.000%
0.000%	0.764%	1.887%	0.000%	2.027%	0.000%	0.000%	0.000%
-2.564%	2.057%	0.000%	0.000%	0.339%	0.000%	0.000%	-2.459%
7.143%	0.714%	1.923%	0.000%	1.724%	3.750%	-18.367%	-5.000%
0.000%	2.866%	-0.478%	0.000%	1.399%	0.000%	0.000%	0.000%
1.111%	0.000%	0.966%	0.000%	-0.556%	0.000%	-2.000%	0.000%
0.559%	0.074%	0.000%	0.000%	1.054%	0.000%	-9.091%	0.000%
0.000%	0.815%	-1.429%	0.000%	1.281%	0.000%	11.111%	3.641%
4.981%	3.960%	0.000%	-0.355%	0.000%	1.020%	5.000%	-0.939%
-0.542%	-2.415%	0.000%	1.220%	0.000%	22.500%	-4.796%	-4.054%
0.000%	-1.896%	0.000%	0.505%	0.000%	0.000%	4.015%	-0.893%
-4.860%	0.000%	0.000%	-1.071%	0.000%	0.000%	4.998%	9.804%

0.000%	1.932%	0.000%	0.000%	3.560%	0.000%	5.000%	-0.971%
4.221%	0.976%	0.000%	0.000%	-3.438%	-4.762%	0.000%	0.488%
-0.913%	0.000%	0.000%	-0.071%	0.000%	5.000%	0.926%	1.485%
0.000%	2.500%	0.000%	1.081%	0.000%	0.000%	0.000%	-1.463%
0.000%	0.000%	0.000%	-0.502%	0.000%	-8.046%	0.465%	0.000%
-3.309%	-0.990%	0.000%	0.000%	0.000%	0.000%	0.000%	3.015%
0.000%	0.498%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
1.493%	0.000%	1.852%	0.000%	0.000%	0.000%	-2.273%	-0.500%
0.000%	0.500%	0.000%	-0.429%	0.000%	0.000%	0.000%	0.000%
-1.471%	0.503%	0.000%	1.376%	-1.235%	-1.136%	0.000%	-0.498%
1.949%	-1.485%	0.000%	-3.964%	0.000%	6.024%	0.000%	0.500%
4.219%	-0.493%	0.000%	2.714%	0.000%	0.000%	0.000%	-0.990%
0.000%	1.500%	0.000%	0.000%	0.000%	0.000%	0.000%	-1.463%
0.887%	0.283%	0.226%	0.396%	0.345%	0.436%	0.546%	0.288%
825.982%	103.809%	76.532%	170.459%	137.976%	199.448%	294.056%	106.431%
3.474%	2.310%	2.486%	8.592%	2.766%	3.137%	6.786%	6.082%
55.151%	36.678%	39.469%	136.400%	43.905%	49.792%	107.730%	96.546%

Gharibwal Cement Ltd	Market
-5.970%	
0.299%	
1.212%	
-4.899%	
2.059%	
-2.017%	
5.152%	
-2.367%	
-0.588%	
-1.449%	
-1.429%	
0.000%	
0.575%	
-1.972%	
0.852%	
0.000%	
-0.845%	
1.140%	
0.286%	
0.865%	
-0.573%	
-0.286%	
0.000%	
0.000%	
1.449%	
1.471%	
-1.163%	
-0.290%	
-3.631%	
-0.556%	
0.000%	
1.124%	
0.282%	
-3.794%	
4.533%	
6.006%	
1.524%	
-5.747%	
3.571%	
-1.176%	
-4.225%	
-0.560%	
2.000%	

-2.778%
-3.743%
1.630%
-0.809%
0.270%
0.000%
0.000%
0.000%
-1.596%
0.000%
-1.571%
0.526%
0.000%
3.261%
0.000%
-0.271%
-0.270%
-1.857%
0.000%
-4.557%
-4.819%
5.063%
5.333%
0.000%
5.634%
-0.281%
-1.111%
0.840%
-5.053%
-4.569%
0.510%
5.376%
5.682%
6.024%
6.410%
6.849%
7.353%
-6.207%
-9.375%
1.266%
-5.952%
-5.618%
-5.319%
5.322%
5.935%
6.309%
5.667%

3.448%
0.000%
0.346%
1.761%
-1.389%
-0.346%
-0.345%
0.694%
0.348%
1.056%
-0.699%
-0.694%
0.699%
-1.038%
0.000%
3.214%
1.818%
-6.780%
-5.449%
2.632%
-5.000%
-0.621%
3.205%
-3.704%
-3.284%
-1.471%
3.343%
-0.303%
-1.786%
-1.754%
-2.286%
-0.850%
-0.282%
4.118%
-2.299%
0.578%
-5.205%
-0.815%
3.662%
5.970%
6.349%
6.780%
2.787%
0.000%
2.500%
-0.709%
0.000%

0.356%
0.717%
2.952%
7.968%
0.000%
0.803%
0.403%
2.058%
0.830%
-1.633%
2.083%
3.448%
-0.429%
-0.427%
6.849%
-0.455%
-2.655%
0.444%
-1.747%
0.000%
-2.553%
2.174%
4.072%
-7.143%
3.478%
-4.167%
-4.000%
0.000%
2.041%
-5.769%
-3.346%
4.669%
0.000%
1.581%
7.203%
-1.255%
0.000%
0.000%
-0.417%
0.000%
2.564%
-2.500%
0.840%
6.250%
0.000%
0.901%
2.778%

-2.262%
-1.339%
0.000%
-1.322%
0.442%
-0.877%
-0.870%
-0.862%
0.433%
-0.431%
0.870%
0.877%
-1.299%
-0.431%
-0.429%
-0.851%
3.070%
8.571%
0.478%
-4.128%
-0.909%
0.000%
-0.452%
-0.897%
-2.193%
-0.870%
-0.862%
-0.855%
-1.266%
4.405%
0.000%
-5.417%
-2.834%
-1.594%
-0.397%
-4.545%
-1.493%
3.876%
7.950%
2.137%
9.346%
0.943%
0.474%

	Al-Meezan Mutual Fund	Pakistan Premier Fund (KASB Premier Fund)	First Dawood Mutual Fund	Ist Capital Mutual Fund Ltd	UTP Growth Funds
31-Dec	-2.31%	-5.86%	-4.32%	0.00%	-5.19%
27-Dec	0.00%	0.00%	-1.82%	-3.26%	-1.10%
26-Dec	0.00%	-1.16%	-2.37%	0.00%	0.74%
24-Dec	-0.76%	1.17%	-0.59%	0.00%	0.00%
19-Dec	0.00%	0.39%	1.19%	4.55%	-0.37%
18-Dec	-0.76%	0.00%	-1.18%	-3.30%	1.12%
17-Dec	1.15%	0.00%	-0.59%	1.11%	0.75%
14-Dec	0.39%	0.00%	3.01%	0.00%	1.91%
13-Dec	0.39%	0.39%	-2.35%	5.26%	-0.76%
12-Dec	0.00%	0.79%	4.94%	0.00%	0.38%
11-Dec	0.00%	-0.40%	0.00%	-4.47%	0.77%
10-Dec	-0.39%	1.20%	0.62%	2.29%	1.56%
7-Dec	-0.38%	0.00%	0.00%	2.94%	0.39%
6-Dec	0.00%	-1.19%	-0.62%	-9.57%	-0.39%
5-Dec	0.39%	0.00%	0.62%	0.00%	0.78%
4-Dec	0.39%	0.40%	0.63%	0.00%	0.79%
3-Dec	0.00%	-1.18%	0.00%	-2.59%	-0.78%
30-Nov	-1.15%	1.19%	0.63%	0.00%	1.19%
29-Nov	1.16%	0.80%	0.00%	0.00%	0.00%
28-Nov	-0.39%	0.00%	0.00%	11.56%	1.21%
27-Nov	0.00%	0.00%	-0.63%	0.00%	-1.19%
26-Nov	0.00%	-1.96%	0.00%	0.00%	1.21%
23-Nov	0.78%	5.37%	3.90%	0.00%	1.22%
22-Nov	-0.77%	-0.41%	-1.28%	0.00%	1.24%
21-Nov	0.00%	-1.62%	2.63%	13.07%	0.41%
20-Nov	0.00%	3.35%	0.00%	0.00%	0.83%
19-Nov	1.56%	-1.65%	-1.30%	0.00%	-0.83%
16-Nov	0.00%	-0.41%	-1.28%	0.00%	1.68%
15-Nov	-0.39%	0.83%	-3.70%	-10.00%	-2.46%
14-Nov	0.39%	-2.02%	4.52%	-8.11%	0.00%
13-Nov	-0.39%	1.23%	-4.91%	0.00%	1.25%
12-Nov	0.00%	2.95%	3.17%	0.00%	0.42%
8-Nov	0.00%	-1.25%	0.00%	0.00%	-2.04%
7-Nov	-0.77%	0.00%	0.00%	2.21%	-1.61%
6-Nov	2.78%	-1.24%	5.33%	-1.63%	2.89%
5-Nov	-2.33%	-5.08%	-7.41%	0.00%	-5.84%
2-Nov	-0.39%	0.00%	0.00%	1.66%	1.98%
1-Nov	-1.15%	-0.39%	-2.41%	0.00%	-2.33%

31-Oct	0.77%	1.18%	3.75%	0.00%	0.39%
30-Oct	-0.38%	-2.31%	-4.19%	0.00%	-1.53%
29-Oct	-1.51%	0.78%	-0.60%	0.00%	2.76%
26-Oct	1.53%	-0.77%	7.69%	0.00%	-3.05%
25-Oct	0.39%	-0.76%	2.63%	0.00%	-1.50%
24-Oct	-1.14%	0.38%	0.66%	0.00%	0.38%
23-Oct	1.15%	-0.76%	0.00%	0.00%	-1.12%
22-Oct	1.96%	0.00%	0.67%	0.00%	0.00%
19-Oct	-0.78%	0.77%	0.00%	0.00%	1.52%
18-Oct	1.98%	1.56%	-1.32%	2.26%	0.76%
17-Oct	0.40%	-0.39%	-3.19%	0.00%	0.38%
11-Oct	0.80%	0.00%	-8.72%	0.00%	-1.14%
9-Oct	-0.40%	0.00%	-0.58%	-0.56%	0.76%
8-Oct	-1.19%	1.18%	-0.58%	0.00%	0.00%
5-Oct	-0.39%	0.00%	1.16%	0.00%	0.77%
4-Oct	0.79%	-1.16%	-2.27%	2.89%	0.00%
3-Oct	1.21%	0.39%	0.57%	-5.98%	0.00%
2-Oct	2.05%	2.39%	0.58%	0.00%	-1.52%
1-Oct	1.67%	2.45%	0.58%	-9.36%	0.76%
28-Sep	0.00%	1.24%	0.00%	8.56%	0.77%
27-Sep	2.13%	2.11%	1.77%	-1.58%	0.00%
26-Sep	1.29%	1.72%	4.94%	1.60%	-0.38%
25-Sep	-0.86%	0.87%	-4.71%	9.36%	0.39%
24-Sep	1.74%	-0.43%	0.00%	1.79%	0.78%
21-Sep	-2.13%	0.87%	0.59%	0.00%	1.18%
20-Sep	0.86%	-1.71%	1.20%	0.00%	-0.78%
19-Sep	1.30%	1.30%	-0.60%	0.00%	2.80%
18-Sep	1.77%	1.76%	0.60%	0.00%	1.22%
17-Sep	-2.17%	-0.44%	0.00%	0.00%	-0.80%
14-Sep	0.44%	0.44%	1.21%	2.44%	0.40%
13-Sep	0.00%	0.89%	-1.79%	2.50%	0.81%
12-Sep	0.88%	0.00%	0.00%	1.91%	1.65%
11-Sep	0.00%	-1.32%	0.00%	0.00%	0.00%
10-Sep	0.89%	0.89%	1.82%	-6.55%	0.00%
7-Sep	-1.31%	0.44%	-2.37%	0.00%	-0.41%
6-Sep	2.69%	-2.60%	-0.59%	8.39%	-0.41%
5-Sep	0.45%	2.21%	3.03%	1.97%	1.67%
4-Sep	-0.89%	0.00%	0.00%	0.66%	0.42%
3-Sep	-27.27%	-5.83%	0.00%	0.67%	1.27%
31-Aug	-2.84%	9.09%	-5.17%	-3.85%	-2.48%
30-Aug	0.64%	0.00%	2.96%	-3.70%	1.26%
29-Aug	1.61%	-0.90%	0.60%	-10.00%	0.42%
28-Aug	0.00%	1.84%	0.00%	0.00%	0.85%
27-Aug	-0.96%	-31.66%	3.70%	0.00%	-1.67%
24-Aug	0.97%	2.24%	0.00%	0.00%	0.00%
23-Aug	0.65%	-0.64%	0.00%	-8.63%	-0.83%
22-Aug	1.99%	0.97%	-4.71%	-1.50%	-1.63%

21-Aug	-5.63%	-2.20%	-1.16%	1.01%	-1.60%
20-Aug	0.00%	1.27%	1.18%	-1.00%	-2.72%
17-Aug	0.00%	0.00%	0.00%	0.00%	0.78%
16-Aug	-1.24%	-0.32%	0.00%	0.00%	0.39%
15-Aug	1.89%	-0.32%	0.00%	1.01%	-1.55%
13-Aug	-1.85%	-0.32%	0.00%	-0.50%	-3.01%
10-Aug	2.21%	-2.46%	0.00%	0.00%	-1.48%
9-Aug	-3.06%	-0.92%	-3.96%	-0.50%	0.00%
8-Aug	0.31%	0.92%	0.00%	3.09%	-1.82%
7-Aug	0.00%	-0.61%	1.72%	0.00%	1.85%
6-Aug	-0.31%	-0.61%	0.00%	-3.00%	-1.46%
3-Aug	2.83%	0.61%	-1.14%	0.00%	-2.14%
2-Aug	3.92%	0.31%	1.73%	0.00%	0.72%
1-Aug	-0.65%	1.24%	0.00%	0.00%	2.21%
31-Jul	0.65%	-0.31%	0.00%	0.00%	0.74%
30-Jul	0.66%	2.54%	0.58%	0.00%	0.00%
27-Jul	-1.94%	-1.56%	-1.15%	-0.50%	-1.46%
26-Jul	-0.64%	-3.03%	2.35%	-4.29%	-0.36%
25-Jul	1.30%	-2.37%	0.00%	0.96%	-1.79%
24-Jul	0.00%	1.81%	-3.41%	2.97%	0.00%
23-Jul	-0.65%	6.41%	5.39%	5.21%	2.19%
20-Jul	0.32%	2.30%	3.09%	-8.57%	2.24%
19-Jul	0.98%	-2.56%	-5.81%	8.25%	-2.19%
18-Jul	1.66%	-2.19%	-1.71%	-0.51%	-2.84%
17-Jul	-2.59%	1.59%	0.00%	-2.99%	0.71%
16-Jul	1.65%	-0.32%	-1.13%	0.50%	0.00%
13-Jul	0.66%	-4.24%	-1.67%	0.00%	-1.06%
12-Jul	1.34%	4.43%	0.00%	-0.99%	1.80%
11-Jul	0.34%	0.00%	2.86%	1.51%	-0.71%
10-Jul	-0.34%	0.32%	-2.78%	-0.50%	0.36%
9-Jul	-1.33%	1.61%	0.56%	1.01%	0.00%
6-Jul	1.34%	-0.96%	-6.28%	1.54%	0.72%
5-Jul	-0.33%	0.97%	11.05%	-2.50%	0.73%
4-Jul	0.67%	0.65%	0.59%	0.00%	1.10%
3-Jul	-1.00%	-1.28%	-1.16%	0.00%	-1.09%
2-Jul	-1.32%	4.00%	-3.89%	-0.99%	-1.79%
29-Jun	1.33%	2.74%	5.88%	5.76%	2.19%
28-Jun	1.01%	3.18%	0.00%	-4.50%	-2.14%
27-Jun	-1.98%	1.07%	2.41%	1.52%	3.32%
26-Jun	2.02%	0.00%	-2.35%	9.44%	-1.46%
25-Jun	-1.00%	0.00%	1.19%	-7.22%	2.61%
22-Jun	-0.66%	-2.10%	1.21%	-3.96%	-3.25%
21-Jun	-1.63%	-0.35%	-1.78%	0.00%	1.47%
20-Jun	-0.65%	-0.35%	2.42%	1.00%	0.00%
19-Jun	-0.32%	-1.03%	0.00%	0.00%	-16.00%
18-Jun	0.00%	2.83%	7.14%	-0.99%	0.93%
15-Jun	6.16%	-1.74%	0.00%	5.21%	0.94%

14-Jun	-2.34%	0.00%	0.65%	-4.00%	-0.93%
13-Jun	0.34%	2.49%	1.33%	2.56%	0.00%
12-Jun	2.06%	0.72%	0.67%	2.63%	1.90%
11-Jun	-2.34%	-0.71%	2.74%	0.53%	0.32%
8-Jun	0.00%	0.36%	-3.31%	2.16%	-0.94%
7-Jun	1.70%	1.45%	-1.31%	-1.60%	-0.63%
6-Jun	1.38%	-1.43%	-0.65%	1.08%	-0.31%
5-Jun	2.11%	2.94%	1.32%	1.09%	1.58%
4-Jun	-2.74%	0.00%	0.00%	5.75%	0.00%
1-Jun	-1.02%	0.74%	-1.94%	0.58%	-0.63%
31-May	7.27%	0.75%	3.33%	1.17%	-0.63%
30-May	-1.79%	-1.47%	0.00%	1.18%	2.89%
29-May	0.72%	2.64%	-3.23%	-1.17%	2.30%
28-May	-0.71%	0.38%	6.16%	2.40%	4.11%
25-May	0.00%	0.38%	0.69%	-2.34%	1.04%
24-May	0.36%	1.15%	-3.33%	-0.58%	1.40%
23-May	0.36%	0.00%	8.70%	7.50%	0.00%
22-May	1.83%	0.39%	0.00%	1.91%	0.35%
21-May	-1.80%	-0.39%	2.99%	7.53%	-0.35%
18-May	3.73%	1.17%	1.52%	0.00%	1.06%
17-May	-1.83%	-0.39%	-0.75%	-1.35%	2.17%
16-May	5.00%	0.39%	0.00%	-0.67%	-1.43%
15-May	-2.99%	-1.15%	1.53%	-0.67%	-0.71%
14-May	3.08%	0.00%	0.77%	-5.06%	0.00%
11-May	-2.99%	1.56%	3.18%	3.95%	0.00%
10-May	3.08%	-0.78%	0.00%	2.70%	0.00%
9-May	-0.76%	-0.77%	-7.35%	1.37%	0.36%
8-May	0.77%	3.18%	0.00%	0.00%	0.36%
7-May	-4.76%	-1.56%	-1.45%	-2.67%	-1.41%
4-May	1.49%	0.79%	2.99%	2.74%	0.71%
3-May	3.46%	-0.39%	-2.19%	0.69%	0.36%
2-May	1.96%	1.59%	2.24%	3.57%	1.81%
30-Apr	-3.77%	0.40%	0.00%	-1.41%	-0.72%
27-Apr	2.32%	0.00%	0.75%	0.71%	1.46%
26-Apr	-0.39%	2.04%	0.00%	0.71%	0.00%
25-Apr	0.00%	0.41%	6.40%	-0.71%	-1.79%
24-Apr	0.00%	0.83%	-0.79%	-0.70%	-1.06%
23-Apr	-3.35%	-0.82%	5.00%	1.43%	2.55%
20-Apr	3.86%	3.39%	-1.64%	0.00%	1.10%
19-Apr	-0.39%	1.72%	0.00%	-2.78%	1.87%
18-Apr	0.00%	0.87%	0.00%	7.46%	0.38%
17-Apr	-3.35%	0.00%	1.67%	2.29%	0.00%
16-Apr	1.89%	-0.86%	0.00%	-5.76%	1.14%
13-Apr	3.53%	0.87%	-0.83%	-0.71%	-1.13%
12-Apr	0.79%	0.44%	0.00%	0.00%	1.53%
11-Apr	1.20%	1.33%	-0.82%	3.70%	-0.76%
10-Apr	0.81%	-0.44%	-1.61%	-0.74%	-0.38%

9-Apr	-4.62%	-1.30%	3.33%	0.00%	1.15%
6-Apr	6.12%	2.22%	0.84%	3.03%	0.77%
5-Apr	-1.21%	0.90%	0.85%	1.54%	0.00%
4-Apr	-3.13%	-0.45%	5.36%	2.36%	0.39%
3-Apr	6.67%	0.45%	-0.89%	0.79%	0.78%
2-Apr	-6.25%	-5.91%	0.89%	-1.56%	-1.15%
30-Mar	7.56%	9.22%	-2.61%	0.00%	0.78%
29-Mar	0.85%	-0.46%	-0.86%	-0.78%	1.98%
28-Mar	-0.84%	-2.68%	-3.33%	7.50%	-2.69%
27-Mar	-0.83%	0.45%	0.00%	-4.00%	0.78%
26-Mar	1.70%	0.45%	0.00%	0.00%	-1.15%
22-Mar	0.00%	0.91%	0.00%	0.00%	2.35%
21-Mar	0.43%	-0.90%	0.00%	0.00%	2.82%
20-Mar	-0.42%	0.00%	0.00%	0.00%	-0.80%
19-Mar	-3.67%	-0.89%	0.00%	0.00%	-10.39%
16-Mar	5.60%	1.36%	0.00%	-3.85%	-0.36%
15-Mar	0.00%	-1.34%	-1.64%	3.18%	1.45%
14-Mar	-0.86%	0.45%	0.00%	0.00%	-1.43%
13-Mar	0.00%	0.00%	0.00%	0.00%	0.36%
12-Mar	-2.50%	-1.76%	0.00%	0.00%	-1.76%
9-Mar	-4.00%	0.44%	1.67%	0.00%	1.43%
8-Mar	8.70%	0.89%	-1.64%	0.00%	1.82%
7-Mar	0.00%	0.45%	0.00%	0.00%	-1.43%
6-Mar	-0.86%	0.45%	0.00%	0.00%	-0.36%
5-Mar	-0.86%	-3.06%	-2.40%	0.00%	0.00%
2-Mar	-0.43%	0.00%	2.46%	-3.08%	0.36%
1-Mar	-0.42%	0.44%	0.00%	6.56%	1.09%
28-Feb	0.00%	0.44%	0.83%	0.00%	0.36%
27-Feb	0.43%	-2.16%	-0.82%	-12.86%	-1.79%
26-Feb	-1.26%	0.00%	2.52%	-1.41%	-1.41%
23-Feb	0.42%	0.87%	-0.83%	0.00%	2.16%
22-Feb	0.00%	-0.43%	-3.23%	0.00%	2.21%
21-Feb	0.42%	0.44%	-3.13%	0.00%	0.37%
20-Feb	-1.26%	-0.86%	2.40%	0.00%	0.00%
19-Feb	-0.42%	-1.28%	0.00%	-0.70%	-1.46%
16-Feb	0.42%	-0.42%	0.81%	2.14%	0.00%
15-Feb	-0.42%	-0.42%	0.00%	-7.29%	-0.36%
14-Feb	-1.24%	0.85%	-5.34%	0.00%	-1.08%
13-Feb	0.00%	0.43%	-0.76%	0.00%	-0.36%
12-Feb	-0.82%	-0.85%	0.76%	0.67%	-0.71%
9-Feb	-0.81%	-1.26%	2.34%	0.00%	0.71%
8-Feb	0.82%	1.70%	0.00%	0.67%	0.72%
7-Feb	0.41%	0.00%	1.59%	-3.87%	0.36%
6-Feb	1.67%	-2.08%	-5.26%	3.33%	0.36%
2-Feb	0.00%	3.90%	0.76%	-0.66%	1.10%
1-Feb	0.00%	-0.86%	2.33%	0.00%	0.37%
31-Jan	-1.24%	-5.67%	-0.77%	-1.95%	1.87%

26-Jan	-0.82%	0.82%	0.00%	2.67%	-1.11%
25-Jan	0.00%	0.00%	0.00%	-0.66%	0.75%
24-Jan	-1.21%	-1.61%	0.00%	0.67%	-0.74%
23-Jan	0.00%	2.05%	0.78%	0.00%	-0.74%
22-Jan	-0.80%	-2.79%	0.78%	0.00%	0.74%
19-Jan	0.00%	0.40%	-1.54%	0.00%	0.00%
18-Jan	0.00%	0.40%	2.36%	3.45%	0.37%
17-Jan	0.00%	-0.80%	0.79%	-1.36%	0.37%
16-Jan	-0.40%	2.87%	0.00%	5.00%	1.13%
15-Jan	-0.79%	-1.22%	0.80%	0.00%	0.00%
12-Jan	0.40%	1.23%	0.81%	-5.41%	0.76%
11-Jan	-2.33%	0.00%	3.33%	5.71%	0.38%
10-Jan	2.38%	-1.22%	3.45%	0.00%	0.77%
9-Jan	-0.40%	1.65%	3.57%	0.00%	1.17%
8-Jan	0.00%	-1.62%	0.90%	9.38%	0.39%
5-Jan	-1.17%	0.00%	-1.77%	0.00%	-1.54%
4-Jan	-1.16%	0.00%	-9.60%	-4.48%	1.96%
3-Jan					
AM	0.030%	0.034%	0.124%	0.176%	0.020%
Annualized	7.929%	8.904%	36.527%	55.687%	5.140%
SD	2.653%	2.776%	2.655%	3.437%	1.872%
Annualized	42.110%	44.074%	42.140%	54.555%	29.722%
Weights	0.2	0.2	0.2	0.2	0.2

Weighted average	**42.520%**
Weighted Var	**0.000%**
Weighted SD	**0.000%**